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135-27 Sapphire Street Rezoning

Environmental Assessment Statement

Address: 135-27 Sapphire Street, Queens, New York 11414

Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45

CEQR Reference: 26DCP024Q

ULURP Reference: 250329ZMQ; N250330ZRQ

Lead Agency:
New York City Department
of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Prepared for:
135 Sapphire LLC

Prepared by:
GZA GeoEnvironmental



Date Submitted:
April 23, 2026

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EAS SHORT FORM

City Environmental Quality Review
ENVIRONMENTAL ASSESSMENT STATEMENT (EAS) SHORT FORM

FOR UNLISTED ACTIONS ONLY • *Please fill out and submit to the appropriate agency* (see instructions)

Part I: GENERAL INFORMATION

1. *Does the Action Exceed Any Type I Threshold in 6 NYCRR Part 617.4 or 43 RCNY §6-15(A) (Executive Order 91 of 1977, as amended)?* ☐ YES ☒ NO

If "yes," **STOP** and **complete the FULL EAS FORM**.

2. *Project Name* 135-27 Sapphire Street Rezoning

3. *Reference Numbers*

CEQR REFERENCE NUMBER (to be assigned by lead agency)	BSA REFERENCE NUMBER (if applicable)
26DCP024Q	
ULURP REFERENCE NUMBER (if applicable)	OTHER REFERENCE NUMBER(S) (if applicable) (*e.g.*, legislative intro, CAPA)
250329ZMQ; N250330ZRQ	

4a. *Lead Agency Information*			**4b. *Applicant Information***		
NAME OF LEAD AGENCY			NAME OF APPLICANT		
New York City Department of City Planning			135 Sapphire LLC		
NAME OF LEAD AGENCY CONTACT PERSON			NAME OF APPLICANT'S REPRESENTATIVE OR CONTACT PERSON		
Stephanie Shellooe, AICP, Director of Environmental Assessment and Review Division (EARD)			Qianyu Xiang, GZA GeoEnvironmental, Inc.		
ADDRESS 120 Broadway, 31st Floor			ADDRESS 104 West 29th Street, 10th Floor		
CITY New York	STATE NY	ZIP 10271	CITY New York	STATE NY	ZIP 10001
TELEPHONE 212-720-3328	EMAIL sshellooe@planning.nyc.gov		TELEPHONE 917-470-3077	EMAIL qianyu.xiang@gza.com	

5. *Project Description*

The Applicant, 135 Sapphire LLC, requests approval of a zoning map amendment and a zoning text amendment (the "Proposed Actions") for an approximately 57,524 square foot (sf) area comprising Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 (the "Affected Area") bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west in the Lindenwood neighborhood of Queens Community District 10.

The zoning map amendment would rezone Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 from an R4 zoning district to an R6A zoning district. The zoning text amendment would modify Zoning Resolution ("ZR") Appendix F: Inclusionary Housing Designated Areas and Mandatory Inclusionary Housing ("MIH") Areas for Community District 10, Queens to establish an MIH Area coterminous with the Affected Area.

The Proposed Actions would facilitate the development of a new 6-story plus cellar, 65-foot-tall, 247,989 GSF (186,380 ZSF, 3.38 FAR) residential building (the "Proposed Development") on Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 with a combined lot area of approximately 55,173 square feet (the "Projected Development Site"). The Proposed Development would consist of approximately 41,212 gross square feet (GSF) of parking at the cellar level and 206,777 GSF (186,380 ZSF, 3.38 FAR) of residential uses above grade. The Proposed Development would include 268 dwelling units, 25% (67 units) of which are permanently income restricted at an average of 60% AMI as the Applicant intends to pursue MIH Option 1. A below-grade off-street parking garage would contain 118 residential accessory vehicular parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved and new street trees would be planted around the building.

For the purposes of a more conservative analysis, a Reasonable Worst-Case Development Scenario (RWCDS) has been developed for the Affected Area, which would maximize the allowable height and bulk within the proposed R6A zoning district. With a combined lot area of approximately 55,173 square feet, the Projected Development Site would be

developed with a new 9-story plus cellar, 95-foot-tall, 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would include 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or, 3 respectively. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces, which meets the minimum parking requirement for buildings within an R6A district beyond the Greater Transit Zone (50% of the market-rate units and 25% of the qualifying affordable units). For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI. A 10-foot mechanical bulkhead would be assumed for a conservative shadows analysis under CEQR, reaching a total building height of 105 feet.

The Proposed Actions are discretionary actions subject to environmental review. The NYC Department of City Planning is the lead agency on behalf of the City Planning Commission for environmental review under CEQR.

Project Location

BOROUGH Queens	COMMUNITY DISTRICT(S) 10	STREET ADDRESS 135-27 Sapphire Street
TAX BLOCK(S) AND LOT(S) Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45		ZIP CODE 11414

DESCRIPTION OF PROPERTY BY BOUNDING OR CROSS STREETS The Affected Area is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west.

EXISTING ZONING DISTRICT, INCLUDING SPECIAL ZONING DISTRICT DESIGNATION, IF ANY R4 | ZONING SECTIONAL MAP NUMBER 18b

6. *Required Actions or Approvals* (check all that apply)

***City Planning Commission*:** ☒ YES ☐ NO ☒ UNIFORM LAND USE REVIEW PROCEDURE (ULURP)

- ☐ CITY MAP AMENDMENT
- ☒ ZONING MAP AMENDMENT
- ☒ ZONING TEXT AMENDMENT
- ☐ SITE SELECTION—PUBLIC FACILITY
- ☐ HOUSING PLAN & PROJECT
- ☐ SPECIAL PERMIT (if appropriate, specify type: ☐ modification; ☐ renewal; ☐ other); EXPIRATION DATE:
- ☐ ZONING CERTIFICATION
- ☐ ZONING AUTHORIZATION
- ☐ ACQUISITION—REAL PROPERTY
- ☐ DISPOSITION—REAL PROPERTY
- ☐ OTHER, explain:
- ☐ CONCESSION
- ☐ UDAAP
- ☐ REVOCABLE CONSENT
- ☐ FRANCHISE

SPECIFY AFFECTED SECTIONS OF THE ZONING RESOLUTION

***Board of Standards and Appeals*:** ☐ YES ☒ NO

- ☐ VARIANCE (use)
- ☐ VARIANCE (bulk)
- ☐ SPECIAL PERMIT (if appropriate, specify type: ☐ modification; ☐ renewal; ☐ other); EXPIRATION DATE:

SPECIFY AFFECTED SECTIONS OF THE ZONING RESOLUTION

***Department of Environmental Protection*:** ☐ YES ☒ NO ☐ Cogeneration Facility ☐ Title V Permit

Other City Approvals Subject to CEQR (check all that apply)

- ☐ LEGISLATION
- ☐ RULEMAKING
- ☐ CONSTRUCTION OF PUBLIC FACILITIES
- ☐ 384(b)(4) APPROVAL
- ☐ OTHER, explain:
- ☐ FUNDING OF CONSTRUCTION, specify:
- ☐ POLICY OR PLAN, specify:
- ☐ FUNDING OF PROGRAMS, specify:
- ☐ PERMITS, specify:

Other City Approvals Not Subject to CEQR (check all that apply)

- ☐ PERMITS FROM DOT'S OFFICE OF CONSTRUCTION MITIGATION AND COORDINATION (OCMC)
- ☐ LANDMARKS PRESERVATION COMMISSION APPROVAL
- ☐ OTHER, explain:

***State or Federal Actions/Approvals/Funding*:** ☐ YES ☒ NO If "yes," specify:

7. *Site Description:* *The directly affected area consists of the project site and the area subject to any change in regulatory controls. Except where otherwise indicated, provide the following information with regard to the directly affected area.*

***Graphics*:** *The following graphics must be attached and each box must be checked off before the EAS is complete. Each map must clearly depict the boundaries of the directly affected area or areas and indicate a 400-foot radius drawn from the outer boundaries of the project site. Maps may not exceed 11 x 17 inches in size and, for paper filings, must be folded to 8.5 x 11 inches.*

☒ SITE LOCATION MAP ☒ ZONING MAP ☒ SANBORN OR OTHER LAND USE MAP

☒ TAX MAP ☐ FOR LARGE AREAS OR MULTIPLE SITES, A GIS SHAPE FILE THAT DEFINES THE PROJECT SITE(S)
☒ PHOTOGRAPHS OF THE PROJECT SITE TAKEN WITHIN 6 MONTHS OF EAS SUBMISSION AND KEYED TO THE SITE LOCATION MAP

Physical Setting (both developed and undeveloped areas)

Total directly affected area (sq. ft.): 55,173 Waterbody area (sq. ft) and type:

Roads, buildings, and other paved surfaces (sq. ft.): 55,173 Other, describe (sq. ft.):

8. *Physical Dimensions and Scale of Project* (if the project affects multiple sites, provide the total development facilitated by the action)

SIZE OF PROJECT TO BE DEVELOPED (gross square feet): 287,592

NUMBER OF BUILDINGS: 1 GROSS FLOOR AREA OF EACH BUILDING (sq. ft.): 287,592

HEIGHT OF EACH BUILDING (ft.): 95' (105' inclusive of building bulkhead) NUMBER OF STORIES OF EACH BUILDING: 9

Does the proposed project involve changes in zoning on one or more sites? ☐ YES ☒ NO

If "yes," specify: The total square feet owned or controlled by the applicant:

The total square feet not owned or controlled by the applicant:

Does the proposed project involve in-ground excavation or subsurface disturbance, including, but not limited to foundation work, pilings, utility lines, or grading? ☒ YES ☐ NO

If "yes," indicate the estimated area and volume dimensions of subsurface permanent and temporary disturbance (if known):

AREA OF TEMPORARY DISTURBANCE: 55,173 sq. ft. (width x length) VOLUME OF DISTURBANCE: 551,730 cubic ft. (width x length x depth)

AREA OF PERMANENT DISTURBANCE: 55,173 sq. ft. (width x length)

Description of Proposed Uses (please complete the following information as appropriate)

	Residential	***Commercial***	***Community Facility***	***Industrial/Manufacturing***
Size (in gross sq. ft.)	287,592			
Type (*e.g.,* retail, office, school)	273 units			

Does the proposed project increase the population of residents and/or on-site workers? ☒ YES ☐ NO

If "yes," please specify: NUMBER OF ADDITIONAL RESIDENTS: 840 NUMBER OF ADDITIONAL WORKERS: 11

Provide a brief explanation of how these numbers were determined: Queens CD 10 average household size of 3.11 x 270 incremental units per 2020 Decennial Census; 1 employee per 25 dwelling units

Does the proposed project create new open space? ☐ YES ☒ NO If "yes," specify size of project-created open space: sq. ft.

Has a No-Action scenario been defined for this project that differs from the existing condition? ☐ YES ☒ NO

If "yes," see Chapter 2, "Establishing the Analysis Framework" and describe briefly:

9. *Analysis Year* CEQR Technical Manual Chapter 2

ANTICIPATED BUILD YEAR (date the project would be completed and operational): 2028

ANTICIPATED PERIOD OF CONSTRUCTION IN MONTHS: 22 months

WOULD THE PROJECT BE IMPLEMENTED IN A SINGLE PHASE? ☒ YES ☐ NO IF MULTIPLE PHASES, HOW MANY?

BRIEFLY DESCRIBE PHASES AND CONSTRUCTION SCHEDULE: The Projected Development Site is assumed to start construction shortly after ULURP completion in 2026 - excavation and demolition through foundation activities are expected for 6 months, superstructure core and shell for 8 months, and interior finishes and fit out for 8 months.

10. *Predominant Land Use in the Vicinity of the Project* (check all that apply)

☒ RESIDENTIAL ☐ MANUFACTURING ☒ COMMERCIAL ☐ PARK/FOREST/OPEN SPACE ☒ OTHER, specify: Vacant Lands

Part II: TECHNICAL ANALYSIS

INSTRUCTIONS: For each of the analysis categories listed in this section, assess the proposed project's impacts based on the thresholds and criteria presented in the CEQR Technical Manual. Check each box that applies.

- If the proposed project can be demonstrated not to meet or exceed the threshold, check the "no" box.
- If the proposed project will meet or exceed the threshold, or if this cannot be determined, check the "yes" box.
- For each "yes" response, provide additional analyses (and, if needed, attach supporting information) based on guidance in the CEQR Technical Manual to determine whether the potential for significant impacts exists. Please note that a "yes" answer does not mean that an EIS must be prepared—it means that more information may be required for the lead agency to make a determination of significance.
- The lead agency, upon reviewing Part II, may require an applicant to provide additional information to support the Short EAS Form. For example, if a question is answered "no," an agency may request a short explanation for this response.

	YES	NO
1. *LAND USE, ZONING, AND PUBLIC POLICY*: CEQR Technical Manual Chapter 4		
(a) Would the proposed project result in a change in land use different from surrounding land uses?	☐	☒
(b) Would the proposed project result in a change in zoning different from surrounding zoning?	☒	☐
(c) Is there the potential to affect an applicable public policy?	☒	☐
(d) If "yes," to (a), (b), and/or (c), complete a preliminary assessment and attach.		
(e) Is the project a large, publicly sponsored project?	☐	☒
○ If "yes," complete a PlaNYC assessment and attach.		
(f) Is any part of the directly affected area within the City's Waterfront Revitalization Program boundaries?	☒	☐
○ If "yes," complete the Consistency Assessment Form. See Appendix C		
2. *SOCIOECONOMIC CONDITIONS*: CEQR Technical Manual Chapter 5		
(a) Would the proposed project:		
○ Generate a net increase of 200 or more residential units?	☒	☐
○ Generate a net increase of 200,000 or more square feet of commercial space?	☐	☒
○ Directly displace more than 500 residents?	☐	☒
○ Directly displace more than 100 employees?	☐	☒
○ Affect conditions in a specific industry?	☐	☒
3. *COMMUNITY FACILITIES*: CEQR Technical Manual Chapter 6		
(a) Direct Effects		
○ Would the project directly eliminate, displace, or alter public or publicly funded community facilities such as educational facilities, libraries, hospitals and other health care facilities, day care centers, police stations, or fire stations?	☐	☒
(b) Indirect Effects		
○ **Early Childhood Programs:** Would the project result in 20 or more eligible children under age 6, based on the number of low or low/moderate income residential units? (See Table 6-1 in Chapter 6)	☐	☒
○ **Public Schools:** Would the project result in 50 or more elementary or middle school students, or 150 or more high school students based on number of residential units? (See Table 6-1 in Chapter 6)	☒	☐
○ **Libraries:** Would the project result in a 5 percent or more increase in the ratio of residential units to library branches? (See Table 6-1 in Chapter 6)	☐	☒
○ **Health Care Facilities and Fire/Police Protection:** Would the project result in the introduction of a sizeable new neighborhood?	☐	☒
4. *OPEN SPACE*: CEQR Technical Manual Chapter 7		
(a) Would the project change or eliminate existing open space?	☐	☒
(b) Would the project generate more than 200 additional residents or 500 additional employees?	☒	☐
5. *SHADOWS*: CEQR Technical Manual Chapter 8		
(a) Would the proposed project result in a net height increase of any structure of 50 feet or more?	☒	☐
(b) Would the proposed project result in any increase in structure height and be located adjacent to or across the street from a sunlight-sensitive resource?	☐	☒
6. *HISTORIC AND CULTURAL RESOURCES*: CEQR Technical Manual Chapter 9		

	YES	NO
(a) Does the proposed project site or an adjacent site contain any architectural and/or archaeological resource that is eligible for or has been designated (or is calendared for consideration) as a New York City Landmark, Interior Landmark or Scenic Landmark; that is listed or eligible for listing on the New York State or National Register of Historic Places; or that is within a designated or eligible New York City, New York State or National Register Historic District? (See the GIS System for Archaeology and National Register to confirm)	☐	☒
(b) Would the proposed project involve construction resulting in in-ground disturbance to an area not previously excavated?	☒	☐
(c) If "yes" to either of the above, list any identified architectural and/or archaeological resources and attach supporting information on whether the proposed project would potentially affect any architectural or archeological resources.		
7. *URBAN DESIGN AND VISUAL RESOURCES*: CEQR Technical Manual Chapter 10		
(a) Would the proposed project introduce a new building, a new building height, or result in any substantial physical alteration to the streetscape or public space in the vicinity of the proposed project that is not currently allowed by existing zoning?	☒	☐
(b) Would the proposed project result in obstruction of publicly accessible views to visual resources not currently allowed by existing zoning?	☐	☒
8. *NATURAL RESOURCES*: CEQR Technical Manual Chapter 11		
(a) Does the proposed project site or a site adjacent to the project contain natural resources as defined in Section 100 of Chapter 11?	☐	☒
○ If "yes," list the resources and attach supporting information on whether the proposed project would affect any of these resources.		
(b) Is any part of the directly affected area within the Jamaica Bay Watershed?	☒	☐
○ If "yes," complete the Jamaica Bay Watershed Protection Plan Project Tracking Form, and submit according to its instructions.		
9. *HAZARDOUS MATERIALS*: CEQR Technical Manual Chapter 12		
(a) Would the proposed project allow commercial or residential uses in an area that is currently, or was historically, a manufacturing area that involved hazardous materials?	☐	☒
(b) Would the proposed project introduce new activities or processes using hazardous materials and increase the risk of human or environmental exposure?	☐	☒
(c) Does the proposed project site have existing institutional controls (*e.g.*, (E) designation or Restrictive Declaration) relating to hazardous materials that preclude the potential for significant adverse impacts?	☐	☒
(d) Would the project require soil disturbance in a manufacturing area or any development on or near a manufacturing area or existing/historic facilities listed in the Hazardous Materials Appendix (including nonconforming uses)?	☐	☒
(e) Would the project result in the development of a site where there is reason to suspect the presence of hazardous materials, contamination, illegal dumping or fill, or fill material of unknown origin?	☐	☒
(f) Would the project result in development on or near a site that has or had underground and/or aboveground storage tanks (*e.g.*, gas stations, oil storage facilities, heating oil storage)?	☐	☒
(g) Would the project result in renovation of interior existing space on a site with the potential for compromised air quality; vapor intrusion from either on-site or off-site sources; or the presence of asbestos, PCBs, mercury or lead-based paint?	☐	☒
(h) Would the project result in development on or near a site with potential hazardous materials issues such as government-listed voluntary cleanup/brownfield site, current or former power generation/transmission facilities, coal gasification or gas storage sites, railroad tracks or rights-of-way, or municipal incinerators?	☐	☒
(i) Has a Phase I Environmental Site Assessment been performed for the site?	☒	☐
○ If "yes," were Recognized Environmental Conditions (RECs) identified? Briefly identify: See Chapter 2.8 Hazardous Materials. The Phase I ESA revealed evidence of several RECs in connection with the Projected Development Site, including oil stains, suspected gasoline stains, and open containers of oil and dumped/tipped drums.	☒	☐
(j) Based on the Phase I Assessment, is a Phase II Investigation needed?	☒	☐
10. *WATER AND SEWER INFRASTRUCTURE*: CEQR Technical Manual Chapter 13		
(a) Would the project result in water demand of more than one million gallons per day?	☐	☒
(b) If the proposed project located in a combined sewer area, would it result in at least 1,000 residential units or 250,000 square feet or more of commercial space in Manhattan, or at least 400 residential units or 150,000 square feet or more of commercial space in the Bronx, Brooklyn, Staten Island, or Queens?	☐	☒
(c) If the proposed project located in a separately sewered area, would it result in the same or greater development than the amounts listed in Table 13-1 in Chapter 13?	☒	☐
(d) Would the proposed project involve development on a site that is 5 acres or larger where the amount of impervious surface would increase?	☐	☒
(e) If the project is located within the Jamaica Bay Watershed or in certain specific drainage areas, including Bronx River, Coney Island Creek, Flushing Bay and Creek, Gowanus Canal, Hutchinson River, Newtown Creek, or Westchester Creek, would it involve development on a site that is 1 acre or larger where the amount of impervious surface would increase?	☒	☐

	YES	NO
(f) Would the proposed project be located in an area that is partially sewered or currently unsewered?	☐	☒
(g) Is the project proposing an industrial facility or activity that would contribute industrial discharges to a Wastewater Treatment Plant and/or generate contaminated stormwater in a separate storm sewer system?	☐	☒
(h) Would the project involve construction of a new stormwater outfall that requires federal and/or state permits?	☐	☒
11. *SOLID WASTE AND SANITATION SERVICES*: CEQR Technical Manual Chapter 14		
(a) Using Table 14-1 in Chapter 14, the project's projected operational solid waste generation is estimated to be (pounds per week): 41 * 252 = 10,332		
○ Would the proposed project have the potential to generate 100,000 pounds (50 tons) or more of solid waste per week?	☐	☒
(b) Would the proposed project involve a reduction in capacity at a solid waste management facility used for refuse or recyclables generated within the City?	☐	☒
12. *ENERGY*: CEQR Technical Manual Chapter 15		
(a) Using energy modeling or Table 15-1 in Chapter 15, the project's projected energy use is estimated to be (annual BTUs): 126.7 * 269,716 = 34,173,017.2		
(b) Would the proposed project affect the transmission or generation of energy?	☐	☒
13. *TRANSPORTATION*: CEQR Technical Manual Chapter 16		
(a) Would the proposed project exceed any threshold identified in Table 16-1 in Chapter 16?	☒	☐
(b) If "yes," conduct the screening analyses, attach appropriate back up data as needed for each stage and answer the following questions:		
○ Would the proposed project result in 50 or more Passenger Car Equivalents (PCEs) per project peak hour?	☒	☐
If "yes," would the proposed project result in 50 or more vehicle trips per project peak hour at any given intersection? ***It should be noted that the lead agency may require further analysis of intersections of concern even when a project generates fewer than 50 vehicles in the peak hour. See Subsection 313 of Chapter 16 for more information.*	☐	☒
○ Would the proposed project result in more than 200 subway/rail, bus trips, or 50 Citywide Ferry Service ferry trips per project peak hour?	☐	☒
If "yes," would the proposed project result, per project peak hour, in 50 or more bus trips on a single line (in one direction), 200 subway/rail trips per station or line, or 25 or more Citywide Ferry Service ferry trips on a single route (in one direction), or 50 or more passengers at a Citywide Ferry Service landing?	☐	☐
○ Would the proposed project result in more than 200 pedestrian trips per project peak hour?	☐	☒
If "yes," would the proposed project result in more than 200 pedestrian trips per project peak hour to any given pedestrian or transit element, crosswalk, subway stair, or bus stop, or Citywide Ferry Service landing?	☐	☐
14. *AIR QUALITY*: CEQR Technical Manual Chapter 17		
(a) *Mobile Sources*: Would the proposed project result in the conditions outlined in Section 210 in Chapter 17?	☒	☐
(b) *Stationary Sources*: Would the proposed project result in the conditions outlined in Section 220 in Chapter 17?	☒	☐
○ If "yes," would the proposed project exceed the thresholds in Figure 17-3, Stationary Source Screen Graph in Chapter 17? (Attach graph as needed) See Chapter 2.11 AQ	☐	☒
(c) Does the proposed project involve multiple buildings on the project site?	☐	☒
(d) Does the proposed project require federal approvals, support, licensing, or permits subject to conformity requirements?	☐	☒
(e) Does the proposed project site have existing institutional controls (*e.g.*, (E) designation or Restrictive Declaration) relating to air quality that preclude the potential for significant adverse impacts?	☐	☒
15. *GREENHOUSE GAS EMISSIONS*: CEQR Technical Manual Chapter 18		
(a) Is the proposed project a city capital project or a power generation plant?	☐	☒
(b) Would the proposed project fundamentally change the City's solid waste management system?	☐	☒
(c) If "yes" to any of the above, would the project require a GHG emissions assessment based on the guidance in Chapter 18?	☐	☐
16. *NOISE*: CEQR Technical Manual Chapter 19		
(a) Would the proposed project generate or reroute vehicular traffic?	☒	☐
(b) Would the proposed project introduce new or additional receptors (see Section 114 in Chapter 19) near heavily trafficked roadways, within one horizontal mile of an existing or proposed flight path, or within 1,500 feet of an existing or proposed rail line with a direct line of site to that rail line?	☒	☐
(c) Would the proposed project cause a stationary noise source to operate within 1,500 feet of a receptor with a direct line of sight to that receptor or introduce receptors into an area with high ambient stationary noise?	☐	☒
(d) Does the proposed project site have existing institutional controls (*e.g.*, (E) designation or Restrictive Declaration) relating to noise that preclude the potential for significant adverse impacts?	☐	☒

	YES	NO
17. *PUBLIC HEALTH*: CEQR Technical Manual Chapter 20		
(a) Based upon the analyses conducted, do any of the following technical areas require a detailed analysis: Air Quality; Hazardous Materials; Noise?	☒	☐
(b) If "yes," explain why an assessment of public health is or is not warranted based on the guidance in Chapter 20, "Public Health." Attach a preliminary analysis, if necessary. No significant unmitigated adverse impact would occur in the CEQR analysis areas of air quality, water quality, hazardous materials, or noise; accordingly, no public health analysis is warranted.		
18. *NEIGHBORHOOD CHARACTER*: CEQR Technical Manual Chapter 21		
(a) Based upon the analyses conducted, do any of the following technical areas require a detailed analysis: Land Use, Zoning, and Public Policy; Socioeconomic Conditions; Open Space; Historic and Cultural Resources; Urban Design and Visual Resources; Shadows; Transportation; Noise?	☒	☐
(b) If "yes," explain why an assessment of neighborhood character is or is not warranted based on the guidance in Chapter 21, "Neighborhood Character." Attach a preliminary analysis, if necessary. The Proposed Actions do not result in a significant impact in the related technical areas nor a combination of moderate effects. Therefore, no significant neighborhood character impact would occur.		
19. *CONSTRUCTION*: CEQR Technical Manual Chapter 22		
(a) Would the project's construction activities involve:		
○ Construction activities lasting longer than two years?	☐	☒
○ Construction activities within a Central Business District or along an arterial highway or major thoroughfare?	☒	☐
○ Closing, narrowing, or otherwise impeding traffic, transit, or pedestrian elements (roadways, parking spaces, bicycle routes, sidewalks, crosswalks, corners, *etc.*)?	☐	☒
○ Construction of multiple buildings where there is a potential for on-site receptors on buildings completed before the final build-out?	☐	☒
○ The operation of several pieces of diesel equipment in a single location at peak construction?	☐	☒
○ Closure of a community facility or disruption in its services?	☐	☒
○ Activities within 400 feet of a historic or cultural resource?	☐	☒
○ Disturbance of a site containing or adjacent to a site containing natural resources?	☐	☒
○ Construction on multiple development sites in the same geographic area, such that there is the potential for several construction timelines to overlap or last for more than two years overall?	☐	☒
(b) If any boxes are checked "yes," explain why a preliminary construction assessment is or is not warranted based on the guidance in Chapter 22, "Construction." It should be noted that the nature and extent of any commitment to use the Best Available Technology for construction equipment or Best Management Practices for construction activities should be considered when making this determination. See Chapter 2.13 Construction		

20. *APPLICANT'S CERTIFICATION*

I swear or affirm under oath and subject to the penalties for perjury that the information provided in this Environmental Assessment Statement (EAS) is true and accurate to the best of my knowledge and belief, based upon my personal knowledge and familiarity with the information described herein and after examination of the pertinent books and records and/or after inquiry of persons who have personal knowledge of such information or who have examined pertinent books and records.

Still under oath, I further swear or affirm that I make this statement in my capacity as the applicant or representative of the entity that seeks the permits, approvals, funding, or other governmental action(s) described in this EAS.

APPLICANT/REPRESENTATIVE NAME	DATE
Qianyu Xiang	4/23/2026

SIGNATURE QIANYU XIANG

PLEASE NOTE THAT APPLICANTS MAY BE REQUIRED TO SUBSTANTIATE RESPONSES IN THIS FORM AT THE DISCRETION OF THE LEAD AGENCY SO THAT IT MAY SUPPORT ITS DETERMINATION OF SIGNIFICANCE.

Part III: DETERMINATION OF SIGNIFICANCE (To Be Completed by Lead Agency)

INSTRUCTIONS: In completing Part III, the lead agency should consult 6 NYCRR 617.7 and 43 RCNY § 6-06 (Executive Order 91 or 1977, as amended), which contain the State and City criteria for determining significance.

1. For each of the impact categories listed below, consider whether the project may have a significant adverse effect on the environment, taking into account its (a) location; (b) probability of occurring; (c) duration; (d) irreversibility; (e) geographic scope; and (f) magnitude.

IMPACT CATEGORY	Potentially Significant Adverse Impact YES	NO
Land Use, Zoning, and Public Policy	☐	☒
Socioeconomic Conditions	☐	☒
Community Facilities and Services	☐	☒
Open Space	☐	☒
Shadows	☐	☒
Historic and Cultural Resources	☐	☒
Urban Design/Visual Resources	☐	☒
Natural Resources	☐	☒
Hazardous Materials	☐	☒
Water and Sewer Infrastructure	☐	☒
Solid Waste and Sanitation Services	☐	☒
Energy	☐	☒
Transportation	☐	☒
Air Quality	☐	☒
Greenhouse Gas Emissions	☐	☒
Noise	☐	☒
Public Health	☐	☒
Neighborhood Character	☐	☒
Construction	☐	☒

2. Are there any aspects of the project relevant to the determination of whether the project may have a significant impact on the environment, such as combined or cumulative impacts, that were not fully covered by other responses and supporting materials? ☐ YES ☒ NO

If there are such impacts, attach an explanation stating whether, as a result of them, the project may have a significant impact on the environment.

3. Check determination to be issued by the lead agency:

☐ **Positive Declaration**: If the lead agency has determined that the project may have a significant impact on the environment, and if a Conditional Negative Declaration is not appropriate, then the lead agency issues a *Positive Declaration* and prepares a draft Scope of Work for the Environmental Impact Statement (EIS).

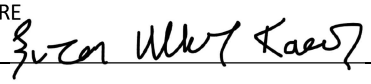
☐ **Conditional Negative Declaration:** A *Conditional Negative Declaration* (CND) may be appropriate if there is a private applicant for an Unlisted action AND when conditions imposed by the lead agency will modify the proposed project so that no significant adverse environmental impacts would result. The CND is prepared as a separate document and is subject to the requirements of 6 NYCRR Part 617.

☒ **Negative Declaration:** If the lead agency has determined that the project would not result in potentially significant adverse environmental impacts, then the lead agency issues a *Negative Declaration*. The *Negative Declaration* may be prepared as a separate document (see template) or using the embedded Negative Declaration on the next page.

4. ***LEAD AGENCY'S CERTIFICATION***

TITLE	LEAD AGENCY
Deputy Director, Environmental Assessment and Review Division	City Planning Commission
NAME	DATE
Evren Ulker-Kacar, AICP	April 23, 2026

SIGNATURE



Project Name: 135-27 Sapphire Street Rezoning
CEQR # 26DCP024Q
SEQRA Classification: Unlisted **EAS SHORT/FULL FORM PAGE #**

NEGATIVE DECLARATION

Statement of No Significant Effect

Pursuant to Executive Order 91 of 1977, as amended, and the Rules of Procedure for City Environmental Quality Review, found at Title 62, Chapter 5 of the Rules of the City of New York and 6 NYCRR, Part 617, State Environmental Quality Review, the Department of City Planning acting on behalf of the City Planning Commission assumed the role of lead agency for the environmental review of the proposed actions. Based on a review of information about the project contained in this environmental assessment statement (EAS) and any attachments hereto, which are incorporated by reference herein, the lead agency has determined that the proposed actions would not have a significant adverse impact on the environment.

Reasons Supporting this Determination

The above determination is based on information contained in this EAS, which finds the proposed actions sought before the City Planning Commission would not have a significant adverse impact on the environment. Reasons supporting this determination are noted below.

Land Use, Zoning, and Public Policy

A detailed analysis of land use, zoning, and public policy is included in the EAS. The Applicant, 135 Sapphire LLC, is requesting a zoning map amendment and a zoning text amendment (the "Proposed Actions") affecting Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 (the "Affected Area") in the Lindenwood neighborhood of Queens Community District 10. The zoning map amendment would rezone the Affected Area from an R4 zoning district to an R6A zoning district and the zoning text amendment would modify Zoning Resolution ("ZR") Appendix F: Inclusionary Housing Designated Areas and Mandatory Inclusionary Housing ("MIH") Areas to establish an MIH Area coterminous with the Affected Area. The Proposed Actions would facilitate the development of a new 6-story plus cellar, 65-foot tall, 247, 989 gross-square-foot residential building including 268 dwelling units of which 25% or about 67 units would be permanently income restricted (the "Proposed Development"). The Proposed Actions would not result in land uses that conflict with the existing land uses surrounding the Affected Area which predominantly consists of a mix of residential and commercial land uses and would be consistent with nearby medium-density residential buildings located immediately west of the Affected Area. Therefore, there would be no significant adverse land use impacts. While the Proposed Actions would increase allowable residential floor area within the Affected Area, it would not introduce new use groups that would be incompatible with the existing character of the area, and the proposed development would be in character with surrounding mid-density zoning districts of R6A, R7A, and R8A. Therefore, there would be no significant adverse impact on zoning. Additionally, the Proposed Actions would not conflict with identified public policies and would instead promote and be consistent with the public policies that currently apply to the Development Site and the surrounding area, including Housing New York 2.0, Where We Live NYC, and the Waterfront Revitalization Program (WRP No. 23-217). The Proposed Actions would not result in significant adverse impacts to land use, zoning, or public policy.

Community Facilities

A detailed assessment of community facilities with respect to Primary and Middle schools is included in the EAS. The Proposed Actions would introduce 58 combined elementary and middle school students, which is above the 50-student threshold for analysis. The Affected Area is located within sub-district 4 of Community School District (CSD) 27. Primary schools have a utilization rate of 109% and Middle schools have a utilization rate of 98% in the existing conditions. The analysis indicates that in the future With-action, the utilization rate for primary schools and middle schools within CSD 27 would be 92 percent and 95 percent, respectively. The utilization rates would increase by 1.48 percent for primary schools and 1.16 percent in middle schools as a result of the Proposed Actions. The utilization rate of primary and middle schools would not be equal to or greater than 100%, therefore the Proposed Actions would not result in significant adverse impacts related to primary or middle school utilization.

Hazardous Materials, Air Quality, and Noise

An (E) designation (E-908) related to hazardous materials, air quality, and noise would be established as part of the approval of the Proposed Actions. Refer to "Determination of Significance Appendix: (E) designation" for the applicable (E) designation requirements. The hazardous materials, air quality, and noise analyses conclude that with the (E) designation in place, the Proposed Actions would not result in a significant adverse impact related to hazardous materials, air quality, or noise.

No other significant effects upon the environment that would require the preparation of a Draft Environmental Impact Statement are foreseeable. This Negative Declaration has been prepared in accordance with Article 8 of the New York State Environmental Conservation Law (SEQRA). Should you have any questions pertaining to this Negative Declaration, you may contact Alexander Plackis at +1 212-720-3332.

TITLE	LEAD AGENCY
Deputy Director, Environmental Assessment and Review Division	Department of City Planning on behalf of the City Planning Commission 120 Broadway, 31st Fl. New York, NY 10271 | 212.720.3493
NAME Evren Ulker-Kacar, AICP	DATE 4/23/2026
SIGNATURE Evren Ulker Kacar	
TITLE Chair, City Planning Commission	
NAME Sideya Sherman	DATE 4/27/2026
SIGNATURE Sideya Sherman	

Project Name: 135-27 Sapphire Street Rezoning
CEQR # 26DCP024Q
SEQRA Classification: Unlisted

Determination of Significance Appendix

The Proposed Action(s) were determined to have the potential to result in changes to development on the following site(s):

Development Site	Borough	Block and Lot
Projected Development Site 1	Queens	Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45

(E) Designation Requirements

To ensure that the proposed actions would not result in significant adverse impacts related to hazardous materials, air quality, and noise an (E) designation (**E-908**) would be established as part of approval of the proposed actions on **Projected Development Site 1** as described below:

Development Site	Hazardous Materials	Air Quality	Noise
Projected Development Site 1	X	X	X

Hazardous Materials

The (E) designation requirements applicable to **Projected Development Site 1** for hazardous materials would apply as follows:

Task 1-Sampling Protocol

The applicant submits to OER, for review and approval, a Phase I of the site along with a soil, groundwater and soil vapor testing protocol, including a description of methods and a site map with all sampling locations clearly and precisely represented. If site sampling is necessary, no sampling should begin until written approval of a protocol is received from OER. The number and location of samples should be selected to adequately characterize the site, specific sources of suspected contamination (i.e., petroleum based contamination and non-petroleum based contamination), and the remainder of the site's condition. The characterization should be complete enough to determine what remediation strategy (if any) is necessary after review of sampling data. Guidelines and criteria for selecting sampling locations and collecting samples are provided by OER upon request.

Task 2-Remediation Determination and Protocol

A written report with findings and a summary of the data must he submitted to OER after completion of the testing phase and laboratory analysis for review and approval. After receiving such results, a determination is made by OER if the results indicate that remediation is necessary. If OER determines that no remediation is necessary, written notice shall be given by OER.

If remediation is indicated from test results, a proposed remediation plan must be submitted to OER for review and approval. The applicant must complete such remediation as determined necessary by OER. The applicant should then provide proper documentation that the work has been satisfactorily completed.

A construction-related health and safety plan should be submitted to OER and would be implemented during excavation and construction activities to protect workers and the community from potentially significant adverse impacts associated with contaminated soil, groundwater and/or soil vapor. This plan would be submitted to OER prior to implementation.

Project Name: 135-27 Sapphire Street Rezoning
CEQR # 26DCP024Q
SEQRA Classification: Unlisted

Air Quality

The (E) designation requirements for air quality would apply as follows:

> ***Projected Development Site 1:*** *Any new residential development on the above-referenced property must ensure the HVAC system and hot water equipment are powered by electricity only with no venting or stacks, and any parking garage vent must be at least 60 feet from the southern lot line of Block 11384 Lot 1, to avoid any potential significant adverse air quality impacts.*

Noise

The (E) designation requirements for noise would apply as follows:

> ***Projected Development Site 1:*** *To ensure an acceptable interior noise environment, future residential and/or commercial office uses must provide a closed window condition with a minimum of 28 dB(A) window/wall attenuation on the facade facing 79th Street, on the southern facade facing 149th Avenue within 50 feet of 79th Street and the northern facade facing Linden Blvd within 50 feet of 79th Street to maintain an interior noise level not greater than 45 dB(A) for residential uses or not greater than 50 dB(A) for commercial office use. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, air conditioning.*

Table of Contents

1 PROJECT DESCRIPTION 17
1.1 Introduction 17
1.2 Background and Site History 17
1.3 Description of Surrounding Area 18
1.4 Description of Affected Area 19
1.5 Description of Proposed Project 19
1.6 Actions Necessary to Facilitate the Proposed Project 20
1.7 Purpose and Need 20
1.8 Analysis Framework 21
2 ENVIRONMENTAL REVIEW 25
2.1 Land Use, Zoning, and Public Policy 25
2.1.1 Land Use 25
2.1.2 Zoning 28
2.1.3 Public Policy 37
2.2 Socioeconomic Conditions 43
2.2.1 Preliminary Socioeconomic Screening 45
2.2.2 Preliminary Indirect Residential Displacement Assessment 46
2.2.3 Conclusion 52
2.3 Community Facilities 53
2.3.1 Preliminary Screening 53
2.3.2 Primary and Intermediate Schools—Detailed Assessment 54
2.3.3 Primary and Middle Schools Conclusion 58
2.4 Open Space 59
2.4.1 Direct Effects 60
2.4.2 Indirect Effects 60
2.4.3 Open Space Resources 63
2.4.4 Conclusion 66
2.5 Shadows 69
2.5.1 Tier 1 Screening Assessment 70
2.5.2 Tier 2 Screening Assessment 70
2.5.3 Tier 3 Screening Assessment 71

2.5.4 Conclusion 71
2.6 Historic and Cultural Resources 78
2.6.1 Architectural Resources 78
2.6.2 Archaeological Resources 79
2.7 Urban Design and Visual Resources 80
2.7.1 Urban Design 80
2.7.2 Visual Resources 86
2.7.3 Urban Design and Visual Resources Conclusion 87
2.8 Hazardous Materials 97
2.8.1 Phase I Environmental Site Assessment 98
2.8.2 Assessment 100
2.8.3 Conclusion 102
2.9 Water and Sewer Infrastructure 103
2.9.1 Existing Conditions 103
2.9.2 Future No-Action Condition 106
2.9.3 Future With-Action Condition 106
2.9.4 Conclusion 109
2.10 Transportation 110
2.10.1 Preliminary Assessment 110
2.10.2 Level 1 Trip Generation 110
2.10.3 Level 2 Trip Assignment 115
2.10.4 Conclusion 115
2.11 Air Quality 120
2.11.1 Mobile Sources Assessment 122
2.11.2 Stationary Sources Assessment 130
2.11.3 Conclusion 133
2.12 Noise 135
2.12.1 Initial Impact Screening 139
2.12.2 Noise Monitoring Results 141
2.12.3 Preliminary Noise Passenger Car Equivalent (PCE) Screening Analysis 147
2.12.4 Conclusion 150
2.13 Construction 152
2.13.1 Proposed Project Description 152

2.13.2 Proposed Construction Schedule 152
2.13.3 Governmental Coordination and Oversight 153
2.13.4 Proposed Construction Activities 154
2.13.5 Potential Impacts of the Proposed Actions 157
2.14 Disadvantaged Community Assessment 168
2.14.1 Preliminary Assessment 168
2.14.2 Conclusion 170

Appendices

Appendix A: Illustrative Architectural Plans

Appendix B: Agency Correspondence

Appendix C: WRP CAF Form and Flood Evaluation Worksheet

Appendix D: Phase I ESA

Appendix E: Noise Backup Data

Appendix F: Detailed Construction Schedule and Equipment Schedule

Figure 1.1-1: Project Location Map - Aerial

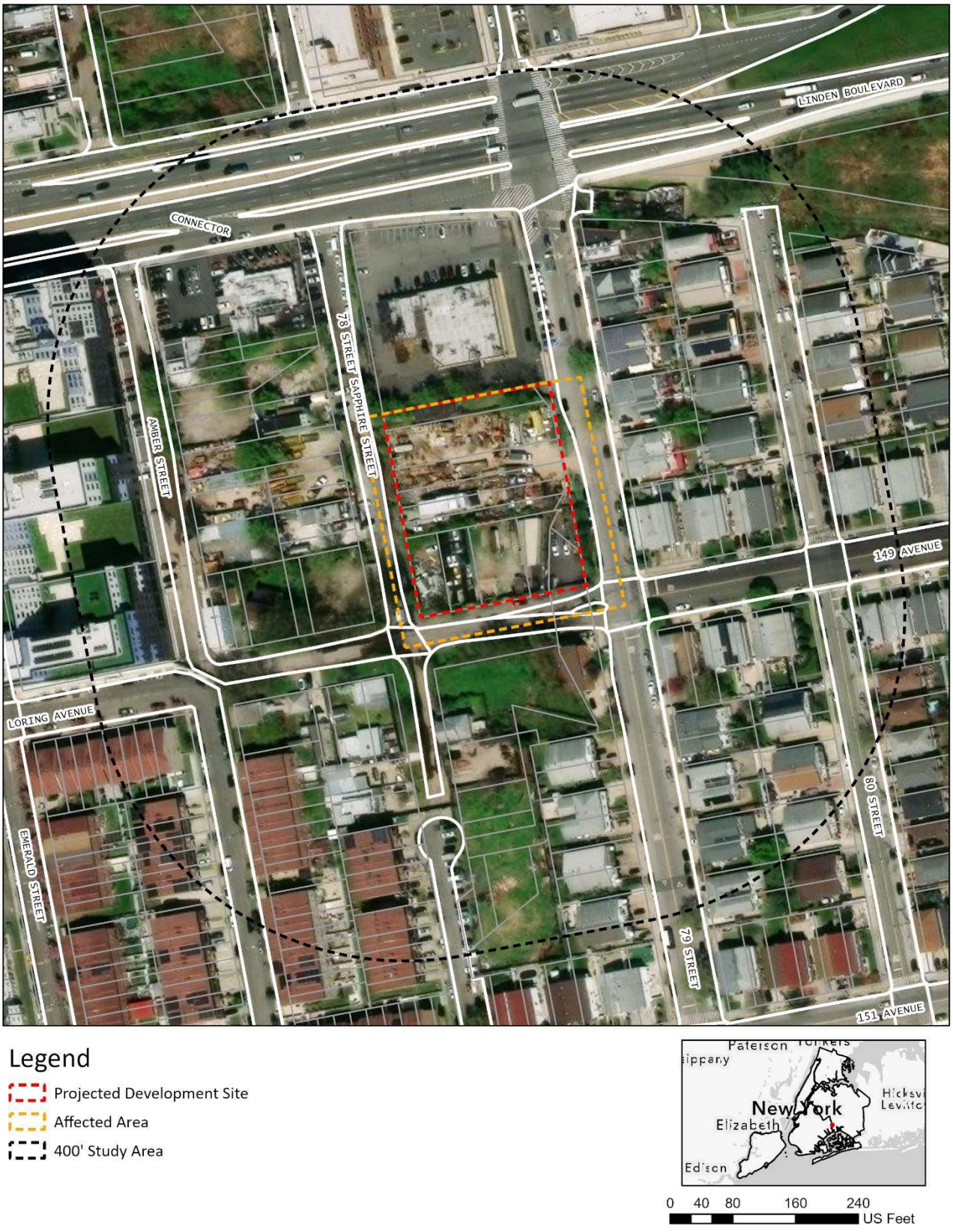


Figure 1.1-2: Project Location Map

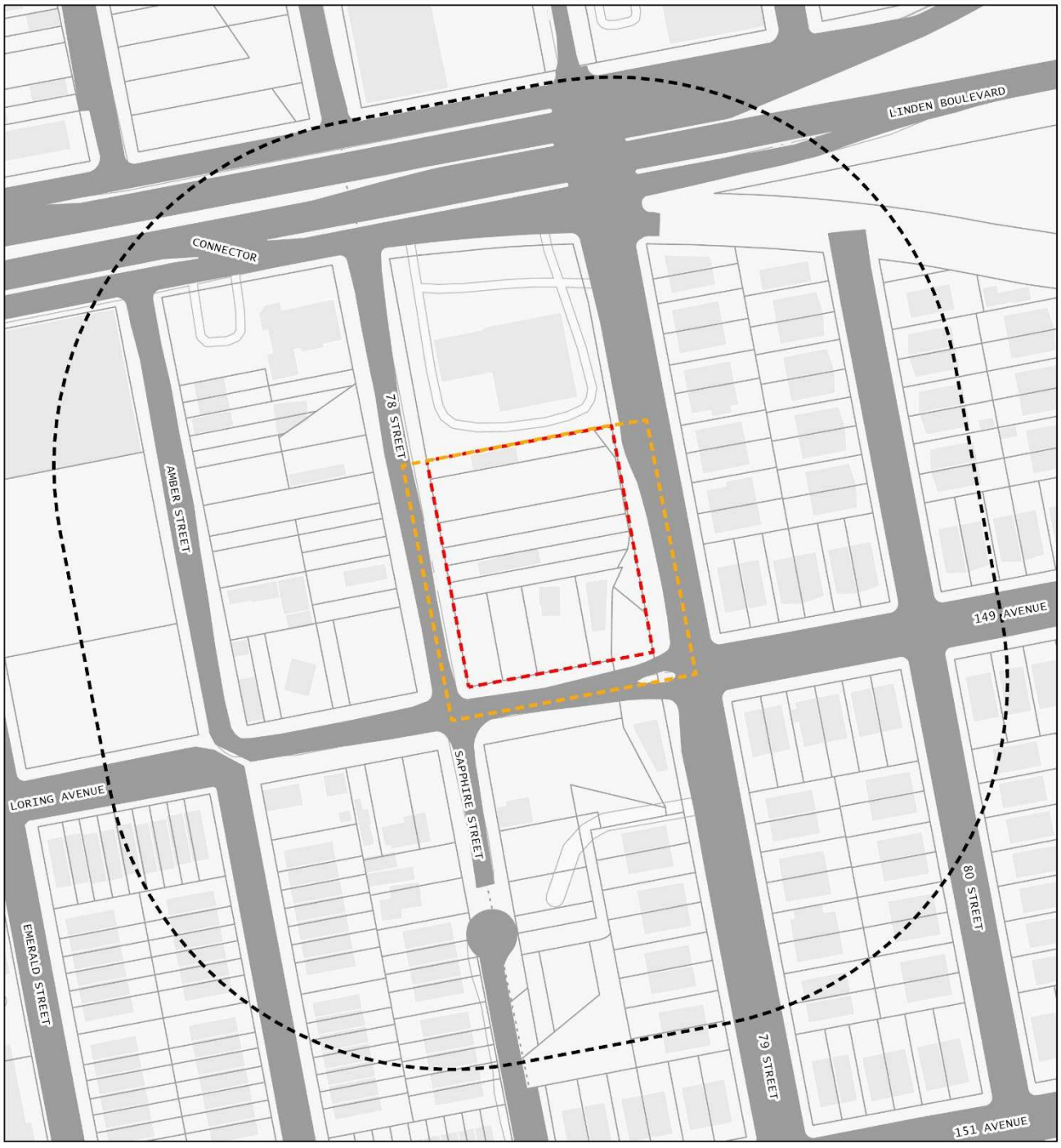


Figure 1.1-3: Zoning Map

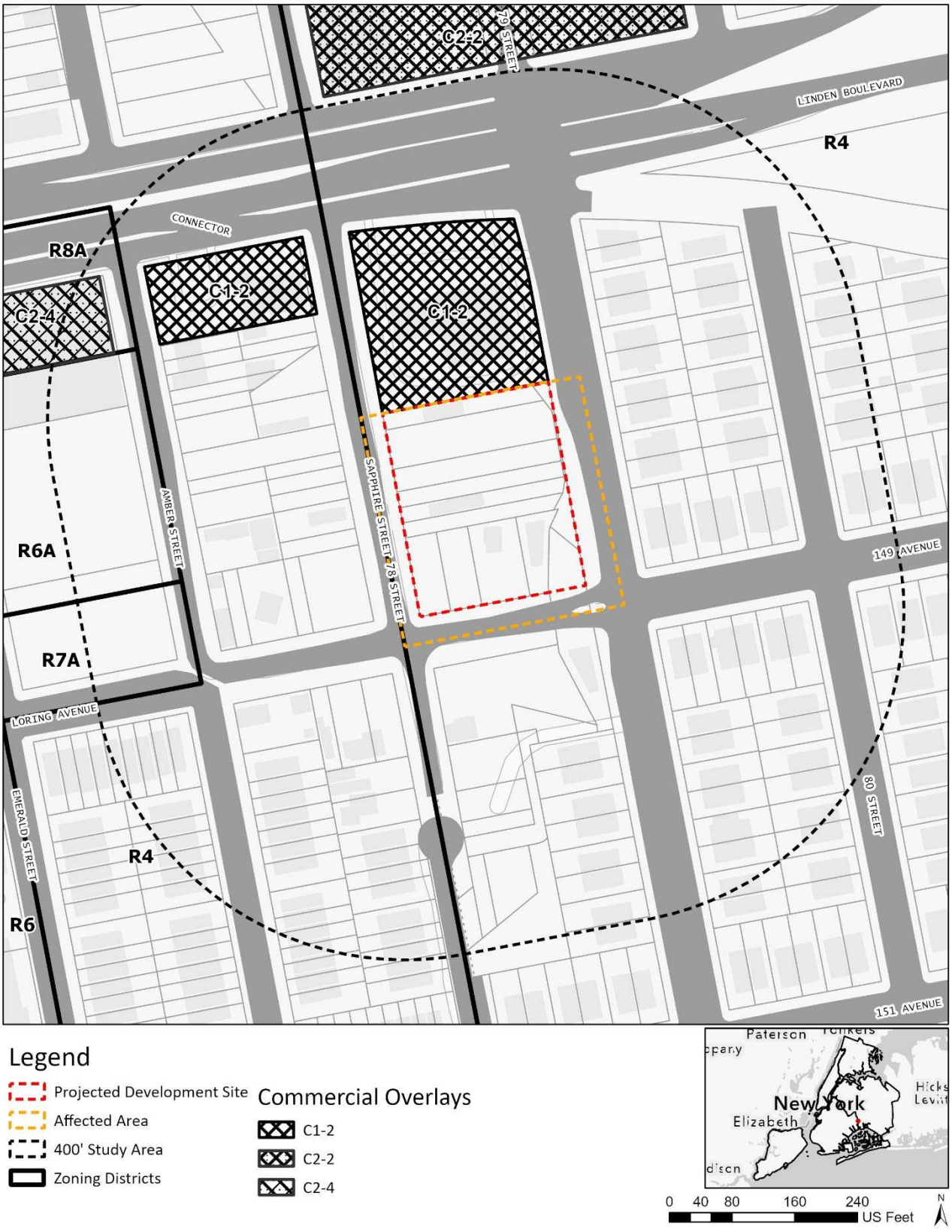


Figure 1.1-4: Zoning Change Map



Existing R4 Zoning District

Proposed R6A Zoning District

Figure 1.1-5: Tax Map

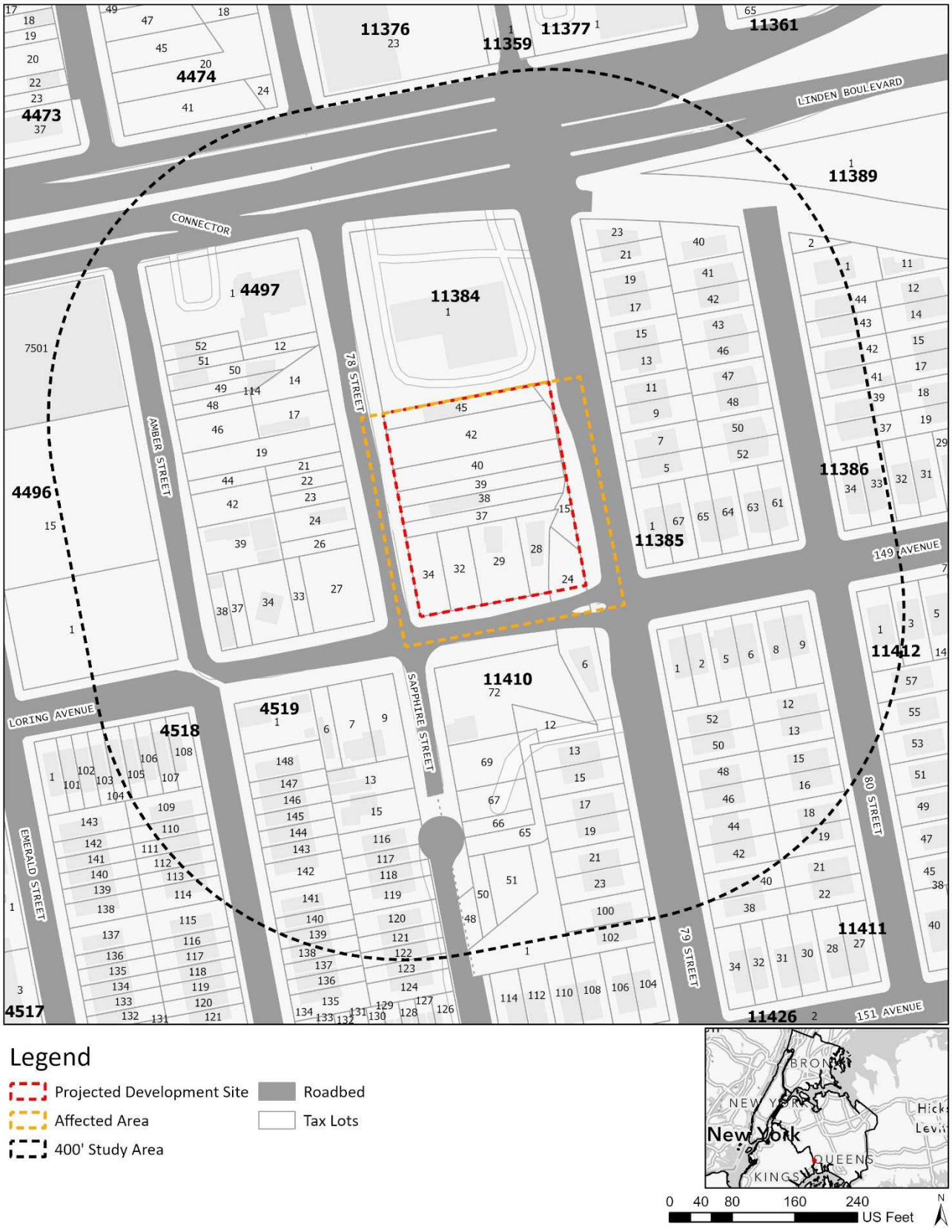


Figure 1.1-6: Land Use Map

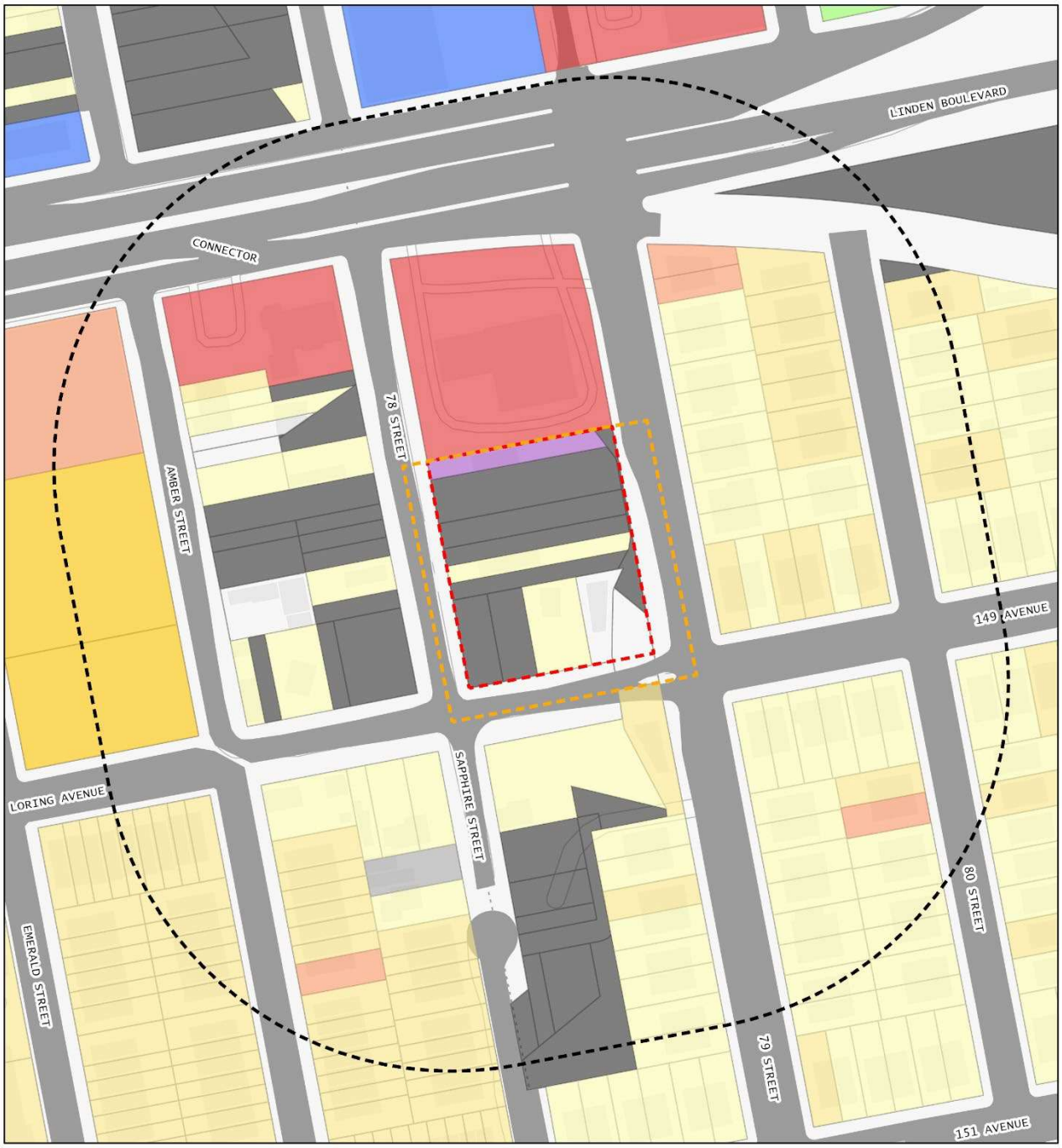


Figure 1.1-7: Site Photos 1-3

01 View of Linden Boulevard facing east



02 View of Linden Boulevard facing west



03 View of Sapphire Street facing southeast



Photo Key



Figure 1.1-8: Site Photos 4-6

04 View of Sapphire Street facing north



05 View of Projected Development Site facing southeast



06 View of Block 4497 from Projected Development Site facing northwest



Photo Key



Figure 1.1-9: Site Photos 7-9

07 View of 149th Avenue facing west



08 View of 149th Avenue facing east



09 View of Sapphire Street facing south



Photo Key



Figure 1.1-10: Site Photos 10-12

10 View of Projected Development Site facing northwest



11 View of 79th Street facing south



12 View of 149th Avenue facing east



Photo Key



Figure 1.1-11: Site Photos 13-15

13 View of Projected Development Site facing northwest



14 View of 79th Street facing south



15 View of Projected Development Site facing southwest



Photo Key



Figure 1.1-12: Site Photos 16-18

16 View of 79th Street facing south



17 View of Linden Boulevard facing east



18 View of Linden Boulevard facing west



Photo Key



1 PROJECT DESCRIPTION

1.1 Introduction

The Applicant, 135 Sapphire LLC, requests approval of a zoning map amendment and a zoning text amendment (the "Proposed Actions") for an approximately 55,173 square foot (sf) area comprising Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 (the “Affected Area”). The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west in the Lindenwood neighborhood of Queens Community District 10.

The zoning map amendment would rezone Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 from an R4 zoning district to an R6A zoning district. The zoning text amendment would modify Zoning Resolution (“ZR”) Appendix F: Inclusionary Housing Designated Areas and Mandatory Inclusionary Housing (“MIH”) Areas for Community District 10, Queens to establish an MIH Area coterminous with the Affected Area.

The Proposed Actions would facilitate the Applicant’s Proposed Project of a new 6-story plus cellar, 65-foot-tall, 247,989 gross square foot (GSF) (186,380 zoning square feet (ZSF), 3.38 Floor Area Ratio (FAR)) residential building on Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 with a combined lot area of approximately 55,173 sf (the “Projected Development Site”). The Proposed Project would consist of approximately 41,212 GSF of parking at the cellar level and 206,777 GSF (186,380 ZSF, 3.38 FAR) of residential uses above grade. The Proposed Project would provide 268 dwelling units, 25% (67 units) of which are permanently income restricted at an average of 60% AMI as the Applicant intends to pursue MIH Option 1. A below-grade off-street parking garage would contain 118 residential accessory vehicular parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted around the Projected Development Site.

The Proposed Actions are discretionary actions subject to environmental review. The New York City Department of City Planning (DCP) is the lead agency on behalf of the City Planning Commission for environmental review under City Environmental Quality Review (CEQR).

1.2 Background and Site History

The Affected Area has been zoned R4 since the zoning ordinance of 1961 and has not been rezoned since then. The existing residential buildings on Block 11384, Lots 29 and 38 within the Affected Area are legal conforming uses, while the manufacturing warehouse building on Block 11384, Lot 45 is non-conforming. There are no existing E-designations, historic or other designations within the Affected Area.

There are two rezonings that have occurred within the surrounding area since 2010. In 2017, the Linden Boulevard Rezoning (C170430ZMK, N170431ZRK, effective October 31, 2017) rezoned Block 4496 in Brooklyn Community District 5, which is located two blocks to the west of the Affected Area. The zoning map amendment changed from R4/C1-2 to R8A/C2-4 and from R4 to R6A and R7A and the zoning text

amendment established a Mandatory Inclusionary Housing area (Option 2) on the block, in an effort to facilitate a mixed use and affordable housing development.

In 2013, a large-scale area of 530 blocks in Ozone Park of Queens Community Districts 9 and 10 was rezoned as part of the Ozone Park Rezoning (C140079ZMQ, effective December 10, 2013), which is located to the north of the Affected Area across North Conduit Avenue. The rezoning aimed to protect the area's predominant one-and two-family residential character, while directing moderately scaled new residential and mixed-use development to locations along the area's main commercial corridors and near mass transit resources.

In addition to the completed rezoning actions described above, there is also an active ongoing rezoning project at 78-08 Linden Boulevard (Block 11384, Lot 1; CEQR Number: 24DCP123Q) directly on the northern boundary of the Affected Area, which is currently under the Uniform Land Use Review Procedure (ULURP) process. The 78-08 Linden Boulevard Rezoning project would rezone Block 11384, Lot 1 from an R4/C1-2 zoning district to R7D/C2-4 and R6A zoning districts. The R7D/C2-4 district would cover the northern portion of the lot, and the R6A district would be mapped on the southern portion of the lot. A zoning text amendment is also proposed pursuant to Appendix F to map a Mandatory Inclusionary Housing (MIH) area over the lot. In addition, it is proposed that a restrictive declaration recorded against the lot would be canceled in connection with a prior rezoning action. With the approval of the proposed zoning actions, it is expected that, in the worst-case scenario, a 260,272 GSF mixed-use building would be constructed, containing 248,174 GSF of residential floor area for 292 dwelling units on all building floors and 12,108 GSF of commercial (local retail) uses. The building would be 12 stories with a rooftop height of 125 feet. Of the proposed residential dwelling units, between 58 and 88 units would be reserved as moderate to low-income units under MIH Option 1, 2, and 3, at an average of 40% to 80% of Area Median Income (AMI).

Department of Buildings records indicate that Block 11384, Lot 28 (78-11 149th Avenue) was issued a Certificate of Occupancy (CO) in 2005 for agricultural uses (including greenhouses, nurseries, or truck gardens) with two accessory parking spaces. One historic CO was identified on Block 11384, Lot 29 (78-09 149th Avenue) that allows for residential uses. No records exist for Block 11384, Lots 15, 24, 32, 34, 37, 38, 39, 40, 42, and 45.

1.3 Description of Surrounding Area

The Affected Area is located in the Lindenwood neighborhood of Queens Community District 10 and consists of Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Existing land uses in the 400-foot Surrounding Area is a mix of residential buildings, commercial structures, and vacant land.

The residential buildings mainly consist of detached and semi-detached one- to two-family buildings and multi-family walk-up buildings of three dwelling units, with a building height ranging from one story to three stories. Intersected with the 400-foot area boundary, one 12-story, 194,901 GSF mixed residential and commercial building including 234 dwelling units and two 8-story elevator apartment buildings including 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) are located on Block 4496, two blocks to the west of the Affected Area and was facilitated by Linden Boulevard Rezoning. The commercial structures are mainly 1-story local retail store buildings located within the C1-2 and C2-4 commercial overlays along the south side of Linden Boulevard to the north of the Affected Area. Commercial uses in the area include a diner (Lindenwood Diner), a pharmacy (Walgreens), a liquor store

(Lindenwood Cut Rate Liquors), a Chinese restaurant (Jade Linden), and a gym (Planet Fitness). A significant portion of the lots in the surrounding area are vacant, including nine lots within the Affected Area and several more on blocks to the west, south, and north of the Affected Area.

The Surrounding Area currently falls within a 0.2-percent annual chance flood hazard zone, also known as a 500-year flood zone, which is considered a moderate-risk area. The Surrounding Area is low-lying with high water table and lack of comprehensive stormwater and sanitary sewer infrastructure, which contribute to year-round flooding, even on sunny days.

1.4 Description of Affected Area

The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west. Linden Boulevard (part of New York State Route 27) is a 170-foot-wide, east-west principal arterial road with six moving lanes of traffic (three westbound lanes and three eastbound lanes separated by a median strip) and two local service roads. 79th Street is an 80-foot-wide south-to-north one-way local road with two moving lanes of traffic and curbside parking. 149th Avenue is a 70-foot-wide west-to-east one-way local road with a single moving lane of traffic and curbside parking. Sapphire Street is a 60-foot-wide north-to-south one-way local road with a single moving lane of traffic and curbside parking. Both Sapphire Street and 149th Avenue are dilapidated roads where they are adjacent to the Affected Area, with broken asphalt and overgrown weeds encroaching on the roadway.

The Projected Development Site includes Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before the construction begins. Combined, the twelve lots consist of approximately 55,173 sf, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse. Lots 37, 38, 39, 40, 42, and 45 are rectangular interior lots with frontage on Sapphire Street; Lot 34 is a rectangular corner lot with frontages on Sapphire Street and 149th Avenue; Lots 29 and 32 are rectangular interior lots with frontage on 149th Avenue; Lot 28 is an irregular-shaped interior lot with frontage on 149th Avenue; Lot 24 is an irregular-shaped corner lot with frontage on 79th Street and 149th Avenue, and its southern lot boundary is mapped into the 149th Avenue roadway; and Lot 15 is an 80-foot-long interior lot with frontage on 79th Street that runs across the eastern edge of the block, with a lot depth of 35 feet at its deepest point.

1.5 Description of Proposed Project

The Applicant's Proposed Project would develop a new 6-story plus cellar, 65-foot-tall, 247,989 GSF (186,380 ZSF, 3.38 FAR) residential building on the Applicant-owned Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) with a combined lot area of approximately 55,173 square feet. The Proposed Project would consist of approximately 41,212 GSF of parking at the cellar level and 206,777 GSF (186,380 ZSF, 3.38 FAR) of residential uses above grade. The Proposed Project would provide 268 dwelling units, 25% (67 units) of which are permanently income restricted at an average of 60% AMI as the Applicant intends to pursue MIH Option 1. A below-grade off-street parking garage would contain 118 residential accessory vehicular parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation

flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents.

With regard to flood resiliency, the Proposed Development would be raised above the flood plain including the mechanical spaces. The ground floor is proposed as parking and storage and would have a wet-floodproofed permeable ground floor along with an exterior gabion wall system. The Proposed Project would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors. The proposed landscaping would further enhance the streetscape condition as a 10- to 15-foot setback is proposed around all three frontages with plantings, including a variety of trees and bushes native to the area. Street trees are also proposed within a 10-foot-wide sidewalk around all three frontages. A covered lobby entrance would also contribute to the streetscape mitigation elements. Should the street grade be raised by DOT, the Proposed Project would be able to accommodate it. The ground floor would be treated as a soft story with the building set back from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. With regard to stormwater runoff, the Proposed Project would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

1.6 Actions Necessary to Facilitate the Proposed Project

The actions necessary to facilitate the Proposed Project are:

- A Zoning Map Amendment to rezone Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 from an R4 zoning district to an R6A zoning district.
- A Zoning Text Amendment to establish an area coterminous with Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 as a Mandatory Inclusionary Housing Area (MIH) with MIH Option 1.

1.7 Purpose and Need

The Applicant is seeking redevelopment of the Projected Development Site to be more consistent with the existing residential community in the surrounding area. A significant portion of the Projected Development Site is currently vacant and unimproved, which is ideally suited near a major corridor (Linden Boulevard) to support residential growth for the neighborhood. Linden Boulevard is an unusually wide street, at 170 feet, and is a major thoroughfare with a wide range of building heights and a diverse mix of uses, which is considered suitable for redevelopment of residential uses at a higher density.

Rezoning the Affected Area from R4 to R6A would permit development of the underutilized sites with multifamily residential housing at a density that would be compatible with the surrounding area. The provision of permanently affordable housing through the zoning text amendment would also further the City's goals for the provision of affordable units.

Approximately two blocks to the west of the Affected Area, Block 4496 was rezoned from R4/C1-2 to R8A/C2-4 and from R4 to R6A and R7A in 2017 as part of the Linden Boulevard Rezoning (C170430ZMK, N170431ZRK). Three new developments were built on Block 4496 after the approval of the Linden Boulevard Rezoning – one 12-story mixed residential and commercial building at 2858 Linden Boulevard (Block 4496, Lot 7501) in 2018, one 8-story residential elevator apartment building at 573 Emerald Street (Block 4496, Lot 15) in 2021, and one 8-story residential elevator apartment building at 583 Emerald Street (Block 4496, Lot 1) in 2023. The upzoning of the nearby sites and the new residential developments illustrates the increased demand for higher density multifamily housing in the neighborhood.

1.8 Analysis Framework

The analysis framework compares the incremental difference between the proposed and potential development under the Proposed Actions (With-Action) and the development which could occur under the existing zoning (No-Action). This EAS studies the potential for individual and cumulative environmental impacts related to the Proposed Actions occurring in a study area of approximately 400 feet around the Affected Area. This environmental assessment considers the potential effects of the Proposed Actions compared to future conditions without the approvals sought by the Applicant. This analysis framework is described below:

Reasonable Worst-Case Development Scenario

Discretionary actions sometimes permit a range of project characteristics, or development scenarios, to occur even though the action may be sought in order to facilitate a specific development. From the range of possible scenarios that are considered reasonable and likely, the scenario with the worst environmental consequences is chosen for analysis. This is considered to be the Reasonable Worst-Case Development Scenario (RWCDS), the use of which ensures that, regardless of which scenario actually occurs, its impacts would be no worse than those considered in the environmental review. The environmental assessment examines the incremental differences between the RWCDS of the future without the Proposed Actions (the "Future No-Action Condition") and the future with the Proposed Actions (the "Future With-Action Condition").

The Projected Development Site includes Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before the construction starts. As a result, the common ownership of the lots represents the rationale for the selection of the Projected Development Site.

There are no known active projects in the Affected Area. No public financing or other land use approvals are required for the Applicant's Proposed Project.

<u>Build Year</u>

The build year to be analyzed will be 2028. The Projected Development Site is assumed to start construction shortly after ULURP completion in 2026, with excavation and demolition through foundation activities for 6 months, superstructure core and shell for 8 months, and interior finishes and fit out for 8 months.

Future Without the Proposed Actions

The No-Action Condition for the Affected Area would be the same as the existing conditions. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Redevelopment on the Projected Development Site is not feasible given the low density (1.00 FAR for residential uses and 2.00 FAR for community facility uses) permitted within the underlying R4 zoning district. Infrastructure improvements would also be required due to sewer capacity and flooding issues in the immediate area, and the costs associated with these improvements would make any development at this scale economically infeasible.

In addition, there are no records of building work permits submitted by the Applicant within the Affected Area. Therefore, it is conservatively assumed that under the No-Action Condition, existing conditions would continue on the Projected Development Site.

Future With the Proposed Actions

Given that the Projected Development Site is underutilized in the existing conditions, the With-Action Condition under the RWCDS would reach its full development potential in the proposed R6A zoning district. The proposed building would reach the maximum permitted total FAR of 3.90 and the maximum permitted building height of 95 feet. The average dwelling unit size is assumed to be 850 GSF. 20-30% of the proposed dwelling units are assumed to be permanently affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. Since the Projected Development Site is located beyond the Greater Transit Zone, accessory off-street parking spaces would be provided at the cellar level with the combined number of 50% of market-rate units and 25% of affordable units.

Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45)

Similar to the Applicant's Proposed Project, the lots would be combined and developed with a multifamily residential building. The Projected Development Site would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street. The cellar level would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents.

The Projected Development Site is located within Jewel Streets Neighborhood Plan boundary, which is detailed in **Chapter 2.1 Land Use, Zoning, and Public Policy** below. With regard to flood resiliency in this specific neighborhood plan area, the proposed building would be raised above the flood plain including

the mechanical spaces. The ground floor would be used as parking and storage and would have a wet-floodproofed permeable ground floor along with an exterior gabion wall system. The proposed building would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors. The proposed landscaping would further enhance the streetscape condition as a 10- to 15-foot setback is proposed around all three frontages with plantings, including a variety of trees and bushes native to the area. Street trees would be planted within a 10-foot-wide sidewalk around all three frontages. A covered lobby entrance would also contribute to the streetscape mitigation elements. Should the street grade be raised by DOT, the proposed building would be able to accommodate it. The ground floor would be treated as a soft story with the building set back from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. With regard to stormwater runoff, the proposed building would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

The Projected Development Site is shown in **Figure 1.1-1** and the RWCDS Analysis Framework for existing, No-Action, and With-Action Conditions on the Projected Development Site is shown in **Table 1.8-1**. **Table 1.8-2** shows the increment between the No-Action and With-Action Conditions under RWCDS, including a decrease of 600 GSF of manufacturing uses (warehouse) and an increase of 230,935 GSF of residential uses (270 dwelling units, including 55-82 affordable units) and 55,205 GSF of parking area (120 accessory parking spaces). Accordingly, an increment of 840 residents (average household size of 3.11 persons per household in Queens Community District 10 – 2020 Decennial Census) and 11 employees (1 employee per 25 dwelling units) are analyzed in the technical analysis below.

Table 1.8-1: RWCDS Analysis Framework – Existing, No-Action and With-Action Calculations

Site Info			Existing/No-Action Condition				With-Action Condition				
Block	Lot	Lot Area (sf)	Zoning	Res. (gsf)	DU	Manu. (gsf)	Zoning	Res. (gsf)	DU	Parking (gsf)	Parking Spaces
11384	45	4087	R4	0	0	600	R6A	232,387	273	55,205	120
	42	10217		Vacant							
	40	6353									
	39	4235									
	38	4142		952	2	0					
	37	3800		Vacant							
	34	4000									
	32	4000									
	29	6000		500	1	0					
	28	4000		Vacant							
	15	1689									
	24	2650									
Total		**55,173**		**1,452**	**3**	**600**		**232,387**	**273**	**55,205**	**120**

DU = Dwelling units; gsf = gross square feet; Res. = Residential; Manu. = Manufacturing

Table 1.8-2: RWCDS Increments between No-Action and With-Action Conditions

	No-Action Condition	**With-Action Condition**	**Net Increment**
Residential GSF	1,452	232,387	+230,935
Residential DUs	3	273	+270
Affordable DUs	*0*	*68*	*+68*
Manufacturing GSF	600	0	-600
Parking GSF	0	55,205	+55,205
Parking Spaces	0	120	+120
Residents[1]	9	849	+840
Workers[2]	0	11	+11
Building Height	20 feet	95 feet (105 feet inclusive of bulkhead)	+75 feet (85 feet inclusive of bulkhead)

1. Queens Community District 10 average household size of 3.11 persons per unit per 2020 Decennial Census Data
2. 1 employee per 25 dwelling units

2 ENVIRONMENTAL REVIEW

2.1 Land Use, Zoning, and Public Policy

The *2021 CEQR Technical Manual* recommends procedures for analysis of land use, zoning and public policy to ascertain the impacts of a project on the surrounding area. Land use, zoning and public policy are described in detail below. This section considers existing conditions, development trends, and zoning and other public policies in relation to the Projected Development Site and the 400-foot Study Area as well as the larger area in which the Proposed Actions may have an effect. Though the Proposed Actions would permit development of uses (multiple family residential and community facility uses) that are permitted as of right under the Projected Development Site's existing R4 zoning, the proposed R6A zoning district would permit a larger bulk and a higher building height. Therefore, a preliminary assessment of Land Use, Zoning, and Public Policy is provided.

Methodology

Existing land uses were determined by reference to the New York City Zoning and Land Use (ZoLa) database and PLUTO 25v2 shapefiles. These uses were then confirmed through site visits. The evaluation of lots within the 400-foot Study Area were performed with reference to New York City Zoning Maps and the Zoning Resolution of the City of New York and served as the basis for the zoning evaluation of the Future No-Action and Future With-Action Conditions. Public Policy research was performed through an evaluation of the New York City Department of City Planning (DCP) and other city agencies programs and documentation.

The *2021 CEQR Technical Manual* suggests that a Land Use, Zoning and Public Policy study area should extend 400 feet from the Affected Area. Accordingly, the 400-foot Study Area for Land Use, Zoning and Public Policy analysis is roughly bounded by 151st Avenue to the south, 80th Street to the east, Linden Boulevard to the north, and Emerald Street to the west.

2.1.1 Land Use

Existing land use patterns of city blocks and lots within the 400-foot Study Area are presented in **Figure 1.1-6** above.

Existing Conditions

Land Use Study Area

Existing land uses in the 400-foot Study Area primarily consist of a mix of residential buildings, commercial structures, and vacant land. The residential buildings mainly consist of detached and semi-detached one- to two-family buildings and multi-family walk-up buildings of three dwelling units, with a building height ranging from one story to three stories. Intersected with the 400-foot area boundary, one 12-story, 194,901 GSF mixed residential and commercial building of 234 dwelling units and two 8-story elevator apartment buildings of 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) respectively are located on Block 4496, which is two blocks to the west of the Affected Area and was facilitated by the Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017. The commercial structures are mainly 1-story local retail store buildings located within the C1-2 and C2-4 commercial overlays along the southern side of Linden Boulevard to the north of the Affected Area. Commercial uses in the area include

a diner (Lindenwood Diner), a pharmacy (Walgreens), a liquor store (Lindenwood Cut Rate Liquors), a Chinese restaurant (Jade Linden), and a gym (Planet Fitness). A significant portion of the lots in the surrounding area are vacant, including nine lots within the Affected Area and several more on blocks to the west, south, and north of the Affected Area.

Affected Area

The Affected Area is located in the Lindenwood neighborhood of Queens Community District 10 and consists of Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45, which is also considered as the Projected Development Site. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before construction begins. Combined, the twelve lots consist of approximately 55,173 square feet, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse. Lots 37, 38, 39, 40, 42, and 45 are rectangular interior lots with frontage on Sapphire Street; Lot 34 is a rectangular corner lot with frontages on Sapphire Street and 149th Avenue; Lots 29 and 32 are rectangular interior lots with frontage on 149th Avenue; Lot 28 is an irregular-shaped interior lot with frontage on 149th Avenue; Lot 24 is an irregular-shaped corner lot with frontage on 79th Street and 149th Avenue, and its southern lot boundary is mapped into the 149th Avenue roadway; and Lot 15 is an 80-foot-long interior lot with frontage on 79th Street that runs across the eastern edge of the block, with a lot depth of 35 feet at its deepest point.

Future No-Action Condition

Land Use Study Area

There are no active construction permits or proposed rezonings identified within the 400-foot Study Area. Development in the Study Area would continue to be governed by the underlying zoning regulations. Therefore, land use and development patterns in the Study Area are anticipated to remain unchanged in the future without the Proposed Actions.

Affected Area

The No-Action Condition for the Affected Area would be the same as the existing conditions. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Redevelopment in the future without the Proposed Actions is not considered feasible given the low density (1.00 FAR for residential uses and 2.00 FAR for community facility uses) permitted within the underlying R4 zoning district. Infrastructure improvements would also be required due to sewer capacity and flooding issues in the immediate area, and the costs associated with these improvements would make any development at this scale economically infeasible.

In addition, there are no records of building work permits submitted by the Applicant within the Affected Area. Therefore, it is conservatively assumed that under the No-Action Condition, existing conditions would continue on the Projected Development Site.

Future With-Action Condition

Land Use Study Area

Except for the Affected Area, land use and development patterns in the Study Area would remain unchanged in the future with the Proposed Actions. Any new development in the 400-foot Study Area would be consistent with the underlying zoning regulations.

Affected Area

Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45)

The Applicant-owned Projected Development Site would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street. The cellar level would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted around the building.

Conclusion

The density and uses permitted by the Proposed Actions would be consistent with nearby medium-density residential buildings located two blocks to the west of the Affected Area, which was facilitated by Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017. The Proposed Actions would permit residential and community facility uses on an underutilized land, which would be compatible with surrounding uses that are predominantly a mix of residential and commercial uses. Therefore, there would be no significant adverse impacts on land use as a result of the Proposed Actions, and further analysis is not required.

2.1.2 Zoning

Existing zoning districts within the 400-foot Study Area are presented in **Figure 1.1-3** above.

Existing Conditions

Zoning Study Area

The zoning districts that intersect with the 400-foot Study Area are R4, R6A, R7A, R8A, and C1-2 and C2-4 commercial overlays.

R4

R4 districts are low-density non-contextual residential districts designed to provide for all types of residential buildings with a broad range of housing types. These districts also include community facilities and open uses which serve the residents of these districts or benefit from a residential environment. R4 districts permit the following Use Groups: UGs I, II, III(A), III(B), IV(B), IV(C).

R4 districts permit a minimum lot width of 30 feet, and a minimum lot area of 2,850 square feet. The maximum permitted residential FAR is 1.0 for standard and 1.5 for qualifying residential sites[1]. The maximum community facility FAR is 2.0. The maximum height of a residential building is governed by either a pitched roof or a flat roof envelope. For the pitched roof envelope, the height of a building is governed by a perimeter wall height of 25 feet before additional height must conform to the sky exposure plane. Above the 25-foot perimeter wall height, sloping planes control the maximum height of the building or other structure requiring either a setback or a pitched roof. These planes start at the maximum permitted height of the perimeter walls and meet at a ridge line of 35 feet above the base plane. For a flat roof envelope, the maximum permitted height is 35 feet. For qualifying residential sites and qualifying senior housing, the maximum building height is 45 feet, and the maximum base height is 35 feet. Above the permitted base height, a setback of 15 feet (for narrow streets) or 10 feet (for wide streets) is required from the street wall of the building.

The front yard of a new home must be at least 10 feet deep. For qualifying residential sites with a lot width of at least 150 feet, and for corner lots the front yard depth may be reduced by five feet, except that a front yard shall be no shallower than 5 feet. New single or two-family detached homes must have two side yards totaling at least five feet, but there is no minimum width requirement for either one. R4 districts also permit semi-detached and zero lot line buildings which are set along a side lot line, and require one side yard at least five feet wide, subject to certain modifications per ZR Section 23-33. For all other residences, no side yards are required subject to certain modifications per ZR Section 23-33. The minimum required rear yard depth is 20-30 feet, subject to modifications pursuant to ZR Section 23-343.

Parking requirements vary depending on the use and transit zone designation. In the Inner Transit Zone, one off-street parking space is required for each standard market dwelling unit within multiple dwellings, while no parking is required for affordable dwelling units and qualifying senior units and can be waived if 1 space is required. In the Outer Transit Zone, parking is required for 35% of all standard market dwelling units, while no parking is required for affordable dwelling units and qualifying senior units and can be

[1] Qualifying residential sites generally consist of (a) lots in the Greater Transit Zone that are 5,000 SF or greater on a wide street or the short end of a block, (b) lots in the Greater Transit Zone that include a building with community facility space as of December 5, 2024, (c) lots located outside of the Greater Transit Zone that have a minimum lot area of at least 5,000 square feet and include a building with community facility space as of December 5, 2024 or (d) lots located in an R3-2, R4, R5 or R5B District containing qualifying senior housing.

waived if 5 spaces or fewer are required. Beyond the Greater Transit Zone, parking is required for 50% of market rate and affordable dwelling units, and 10% of qualifying senior units; here, parking can be waived if fewer than 3 spaces are required. In the Outer Transit Zone and beyond the Greater Transit Zone the following applies: For qualifying residential sites parking is waived where the number of dwelling units is 75 or less. Further, no parking is required for zoning lots existing on December 5, 2024, where the lot width is 25 feet or less.

R6A

R6A is a contextual district widely mapped in built-up, medium-density areas. These districts are designed to provide for residential buildings, and also include community facilities and open uses which serve the residents of these districts or benefit from a residential environment. R6A districts permit the following Use Groups: UGs I, II, III(A), III(B), IV(B), IV(C).

For single or two-family detached and zero lot line buildings, R6A districts require a minimum lot width of 25 feet and a minimum lot area of 2,375 square feet. All other buildings require a minimum lot width of 18 feet and a minimum lot area of 1,700 square feet. There are no front yard requirements in R6 districts. New single or two-family detached homes must have two side yards, each within a minimum of at least five feet. For all other residences, no side yards are required. However, if any open area extending along a side lot line is provided at any level, it shall have a minimum width of five feet, measured perpendicular to the side lot line. The minimum required rear yard depth is 20-30 feet, subject to certain modifications pursuant to ZR Section 23-343.

The FAR in R6A districts is 3.0 for standard residences and community facility use. For buildings participating in the UAP program, a maximum residential FAR of 3.9 (for qualifying affordable or senior housing) is permitted, so long as any residential floor area exceeding the standard FAR is permanently income-restricted to an average of 60% AMI. The minimum base height is 40 feet. The maximum base height is 65 feet, and the maximum building height is 75 feet (for standard residences). The maximum base height is 65 feet, and the maximum building height is 95 feet (for qualifying affordable or senior housing).

Where a zoning lot located in an R6 through R12 District abuts a zoning lot located within an R1 through R5 District, the height of a building within a transition area measured parallel to the district boundary shall not exceed the maximum heights outlined in ZR Section 23-443, depending on the zoning district adjacency, the adjacent zoning lot condition, and the width of the zoning lot. For zoning lots in an R6 through R12 District with a lot width less than or equal to 30 feet, the maximum permitted height within the transition area equal to one-third of the lot width of the district boundary is 45 feet abutting non-qualifying residential sites and 65 feet abutting qualifying residential sites in the R1 through R3 Districts; 65 feet abutting non-qualifying residential sites and 85 feet abutting qualifying residential sites in the R4 and R5 Districts. For zoning lots in an R6 through R12 District with a lot width greater than 30 feet, the maximum permitted height within 15 feet of the district boundary is 45 feet abutting non-qualifying residential sites and 65 feet abutting qualifying residential sites in the R1 through R3 Districts; 65 feet abutting non-qualifying residential sites and 85 feet abutting qualifying residential sites in the R4 and R5 Districts. For zoning lots in an R6 through R12 District with a lot width greater than 30 feet, the maximum permitted height beyond 15 feet and within 25 feet of the district boundary is 65 feet abutting non-qualifying residential sites and 85 feet abutting qualifying residential sites in the R1 through R3 Districts; 85 feet abutting all residential sites in the R4 and R5 Districts.

Parking requirements vary depending on the use and transit zone designation. In the Inner Transit Zone, off-street parking is required for 50% of standard market dwelling units within multiple dwellings, while no parking is required for income restricted housing or qualifying senior units and can be waived if 5 spaces or fewer are required. In the Outer Transit Zone, parking is required for 25% of all standard market dwelling units, while no parking is required for income restricted housing or qualifying senior units and can be waived if 15 spaces or fewer are required. Beyond the Greater Transit Zone, parking is required for 50% of market rate dwelling units, 25% of affordable dwelling units, and 10% of qualifying senior units; here, parking can be waived if fewer than 10 spaces are required. Further, no parking is required for zoning lots existing on December 5, 2024, where the lot width is 25 feet or less in the Outer Transit Zone/Beyond the Greater Transit Zone.

R7A

R7A is a contextual district widely mapped in built-up, medium-density areas. These districts are designed to provide for residential buildings and also include community facilities and open uses which serve the residents of these districts or benefit from a residential environment. Designed to be compatible with older buildings found in medium-density neighborhoods, R7A districts are mapped along Prospect Park South and Ocean Parkway in Brooklyn, Jackson Heights in Queens, and in Harlem and along the avenues in the East Village in Manhattan. R7A districts permit the following Use Groups: UGs I, II, III(A), III(B), IV(B), IV(C).

For single or two-family detached and zero lot line buildings, R7A districts require a minimum lot width of 25 feet and a minimum lot area of 2,375 square feet. All other buildings require a minimum lot width of 18 feet and a minimum lot area of 1,700 square feet. There are no front yard requirements in R7 districts. New single or two-family detached homes must have two side yards, each within a minimum of at least five feet. For all other residences, no side yards are required. However, if any open area extending along a side lot line is provided at any level, it shall have a minimum width of five feet, measured perpendicular to the side lot line. The minimum required rear yard depth is 20-30 feet, subject to certain modifications pursuant to ZR Section 23-343.

The residential FAR in R7A districts is 4.0 for standard residences and community facility use. For buildings participating in the UAP program, a maximum residential FAR of 5.01 (for qualifying affordable or senior housing) is permitted, so long as any residential floor area exceeding the standard FAR is permanently income-restricted to an average of 60% AMI.

The minimum base height is 40 feet. The maximum base height is 75 feet, and the maximum building height is 85 feet (for standard residences). The maximum base height is 85 feet, and the maximum building height is 115 feet (for qualifying affordable or senior housing). Where a zoning lot located in an R6 through R12 District abuts a zoning lot located within an R1 through R5 District, the height of a building within a transition area measured parallel to the district boundary shall not exceed the maximum heights outlined in ZR Section 23-443, depending on the zoning district adjacency, the adjacent zoning lot condition, and the width of the zoning lot.

Parking requirements vary depending on the use and transit zone designation. In the Inner Transit Zone, off-street parking space is required for 50% of standard market dwelling units within multiple dwellings, while no parking is required for income restricted housing or qualifying senior units and can be waived if 25 spaces or fewer are required. In the Outer Transit Zone, parking is required for 15% of all standard

market dwelling units, while no parking is required for income restricted housing or qualifying senior units and can be waived if 15 spaces or fewer are required. Beyond the Greater Transit Zone, parking is required for 50% of market rate dwelling units, 12% of affordable dwelling units, and 10% of qualifying senior units; here, parking can be waived if fewer than 15 spaces are required. The parking requirement per standard dwelling unit shall be reduced to 30 percent where the lot area is 10,000 square feet or less beyond the Greater Transit Zone. Further, no parking is required for zoning lots existing on December 5, 2024, where the lot width is 25 feet or less in the Outer Transit Zone/Beyond the Greater Transit Zone.

R8A

R8A are medium-density contextual residential zoning districts mapped in part of DUMBO in Brooklyn and West Chelsea in Manhattan. These districts are designed to provide for residential buildings and also include community facilities and open uses which serve the residents of these districts or benefit from a residential environment. R8 districts permit the following Use Groups: UGs I, II, III(A), III(B), IV(B), and IV(C).

For single or two-family detached and zero lot line buildings, R8A districts require a minimum lot width of 25 feet and a minimum lot area of 2,375 square feet. All other buildings require a minimum lot width of 18 feet and a minimum lot area of 1,700 square feet. There are no front yard requirements in R8A districts. New single or two-family detached homes must have two side yards, each with a minimum width of five feet. For all other residences, no side yards are required. However, if any open area extending along a side lot line is provided at any level, it shall have a minimum width of five feet, measured perpendicular to the side lot line. The minimum required rear yard depth is 20-30 feet, subject to certain modifications pursuant to ZR Section 23-343.

R8A districts permit a maximum standard FAR of 6.02. Community facility use is permitted at a maximum FAR of 6.50. For buildings participating in the UAP program, a maximum residential FAR of 7.20 (for qualifying affordable or senior housing) is permitted, so long as any residential floor area exceeding the standard FAR is permanently income-restricted to an average of 60% AMI.

The minimum base height is 60 feet. The maximum base height is 95 feet, and the maximum building height is 125 feet (for standard residences). The maximum base height is 105 feet, and the maximum building height is 145 feet (for qualifying affordable or senior housing). Where a zoning lot located in an R6 through R12 District abuts a zoning lot located within an R1 through R5 District, the height of a building within a transition area measured parallel to the district boundary shall not exceed the maximum heights outlined in ZR Section 23-443, depending on the zoning district adjacency, the adjacent zoning lot condition, and the width of the zoning lot.

Parking requirements vary depending on the use and transit zone designation. In the Inner Transit Zone, off-street parking space is required for 40% of standard market dwelling units within multiple dwellings and can be waived if 30 spaces or fewer are required, while no parking is required for income restricted housing or qualifying senior units. In the Outer Transit Zone, parking is required for 12% of all standard market dwelling units, while no parking is required for income restricted housing or qualifying senior units and can be waived if 30 spaces or fewer are required. Beyond the Greater Transit Zone, parking is required for 40% of market rate dwelling units, 12% of affordable dwelling units, and 10% of qualifying senior units; here, parking can be waived if fewer than 15 spaces are required. In R8 districts, the parking requirement per standard dwelling unit shall be reduced to 20 percent where the lot area is between 10,001 and 15,000

square feet and waived where the lot area is 10,000 square feet or less when the zoning lot is located beyond the Greater Transit Zone. Further, no parking is required for zoning lots existing on December 5, 2024, where the lot width is 25 feet or less in the Outer Transit Zone/beyond the Greater Transit Zone.

C1-2 and C2-4 Commercial Overlay

C1-2 and C2-4 districts are commercial overlays mapped within residential districts. Mapped along streets that serve local retail needs, they are found extensively throughout the city's lower- and medium-density areas and occasionally in higher-density districts. Typical retail uses include neighborhood grocery stores, restaurants and beauty parlors. In mixed buildings, commercial uses are limited to one or two floors and must always be located below the residential use. Compared to C1-2 districts, C2-4 districts permit a slightly wider range of uses, such as funeral homes and repair services.

The residential bulk is governed by the residential district within which the commercial overlay is mapped. The maximum commercial or community facility FAR is also determined by the residence district, per Section 33-121 of the NYC Zoning Resolution.

For this location, the C1-2 overlays are mapped over an R4 zoning district, where:

- The maximum FAR for a zoning lot containing only commercial use, only community facility use, or both commercial and community facility uses is 2.0 FAR.
    - The maximum FAR for a zoning lot containing only community facility uses or both commercial and community facility uses, may be increased to 2.4 provided that:

      (a) on interior lots, a front yard not less than 30 feet in depth is provided;

      (b) on corner lots, two front yards, each not less than 20 feet in depth, are provided; or

      (c) on through lots, a front yard not less than 30 feet in depth is provided along each front lot line.
- The maximum height of a front wall and the required front setback of a building or other structure shall be determined by the Residence District within which such Commercial District is mapped with the following exceptions:
    - In accordance with the provisions of Section 32-42 (Location Within Buildings), no commercial building or portion thereof occupied by non-residential uses listed under Use Groups VI through X shall exceed in height 30 feet or two stories, whichever is less.
    - For commercial buildings, the maximum height of a front wall shall be 30 feet or two stories, whichever is less, and the height above street line shall be 30 feet.
    - For community facility buildings or buildings used for both community facility use and commercial use, the maximum height of a front wall shall be 35 feet or three stories, whichever is less, and the height above street line shall be 35 feet.
- The residential bulk remains subject to the R4 zoning regulations, which govern setbacks, yard requirements, and other dimensional controls.

- On qualifying residential sites located on any zoning lot or portion of a zoning lot in any commercial district in which such building is permitted and subject to the individual maximum floor area ratios for commercial, community facility and residential uses, the maximum permitted floor area for a zoning lot with buildings containing residential and non-residential uses is 2.5 FAR within the Greater Transit Zone, and 2.0 FAR outside of the Greater Transit Zone.

For this location, the C2-4 overlays are mapped over an R8A zoning district, where:

- The maximum FAR for a zoning lot containing only commercial use is 2.0 FAR, while for a zoning lot containing only community facility use or both commercial and community facility uses is 6.5 FAR.
- The maximum height of a front wall and the required front setback of a building or other structure shall be determined by the Residence District within which such Commercial District is mapped with the following exceptions:
    - In accordance with the provisions of Section 32-42 (Location Within Buildings), no commercial building or portion thereof occupied by non-residential uses listed under Use Groups VI through X shall exceed in height 30 feet or two stories, whichever is less.
    - For commercial buildings, community facility buildings, or buildings used for both community facility use and commercial use, the maximum height of a front wall shall be 85 feet or six stories, whichever is less, and the height above street line shall be 85 feet.
- The residential bulk remains subject to the R8A zoning regulations, which govern setbacks, yard requirements, and other dimensional controls.

Parking for commercial and community facility use varies depending on the use, size, and transit zone designation.

Affected Area

The Affected Area is zoned R4, which permits residential uses at a maximum FAR of 1.00 (for standard housing) or 1.50 (for qualifying affordable or senior housing) and community facility uses at a maximum FAR of 2.0.

Table 2.1-1: Summary of Existing Zoning Regulations[2]

Zoning District	Type and Use Group (UG)	Floor Area Ratio (FAR)	Parking
R4	General Non-Contextual Residential District UGs I, II, III(A), III(B), IV(B), IV(C)	1.00 – Residential (Standard) 1.50 – Residential (Qualifying Affordable or Senior) 2.00 – Community Facility	Inner TZ: 1 per standard DU within multiple dwellings Outer TZ: 35% of standard DU Beyond Greater TZ: 50% of affordable and market rate DU; 10% of qualifying senior units
R6A	General Contextual Residential District UGs I, II, III(A), III(B), IV(B), IV(C)	3.00 – Residential (Standard) 3.90 – Residential (Qualifying Affordable or Senior) 3.00 – Community Facility	Inner TZ: 50% of standard DU within multiple dwellings Outer TZ: 25% of standard DU Beyond Greater TZ: 50% of standard DU; 25% of affordable DU; 10% of qualifying senior units
R7A	General Contextual Residential District UGs I, II, III(A), III(B), IV(B), IV(C)	4.00 – Residential (Standard) 5.01 – Residential (Qualifying Affordable or Senior) 4.00 – Community Facility	Inner TZ: 50% of standard DU within multiple dwellings Outer TZ: 15% of standard DU Beyond Greater TZ: 50% of standard DU; 12% of affordable DU; 10% of qualifying senior units
R8A	General Contextual Residential District UGs I, II, III(A), III(B), IV(B), IV(C)	6.02 – Residential (Standard) 7.20 – Residential (Qualifying Affordable or Senior) 6.50 – Community Facility	Inner TZ: 40% of standard DU within multiple dwellings Outer TZ: 12% of standard DU Beyond Greater TZ: 40% of market rate DU; 12% of affordable DU; 10% of qualifying senior units
C1-2 (mapped over R4)	Local Non-Contextual Commercial District UGs I, II, III(A), III(B), IV(A), IV(B), IV(C), V, VI, VII, VIII, IX(A), IX(C), X	2.00 – Commercial Use 2.00 – Commercial and Community Facility Use 2.00 – Community Facility Use	Varies by use and size of establishment
C2-4 (mapped over R8A)	Local Non-Contextual Commercial District UGs I, II, III(A), III(B), IV(A), IV(B), IV(C), V, VI, VII, VIII, IX(A), IX(C), X	2.00 – Commercial 6.50 – Commercial and Community Facility 6.50 – Community Facility	Varies by use and size of establishment

* DU = Dwelling Units; TZ = Transit Zone

[2] Zoning Resolution

Notes:

1. For qualifying residential sites in R4 Districts in the Outer Transit Zone or beyond the Greater Transit Zone, accessory off-street parking spaces shall be waived where the number of dwelling units is 75 or less.
2. For zoning lots existing on December 5, 2024 where the lot width is 25 feet or less in the Outer Transit Zone or beyond the Greater Transit Zone, no parking shall be required.
3. For zoning lots in R7A Districts beyond the Greater Transit Zone, the parking requirement per standard dwelling unit shall be reduced to 30 percent where the lot area is 10,000 square feet or less.
4. For zoning lots in R8A Districts, the parking requirement per standard dwelling unit shall be reduced to 20 percent where the lot area is between 10,001 and 15,000 square feet beyond the Greater Transit Zone and waived where the lot area is 10,000 square feet or less in the Outer Transit Zone or beyond the Greater Transit Zone.
5. Non-residential parking requirement in the residential districts varies by use and size of establishment, and Transit Zone designation.

Future No-Action Condition

Zoning Study Area

No changes to zoning would occur in the future No-Action Condition, and the existing R4, R6A, R7A, R8A zoning districts and C1-2 and C2-4 commercial overlays would remain.

Affected Area

No changes to zoning would occur in the future without the Proposed Actions within the Affected Area. The Affected Area would continue to be subject to the existing R4 zoning district.

Future With-Action Condition

Zoning Study Area

No changes to zoning would occur in the future with the Proposed Actions in the 400-foot Study Area except for the Affected Area.

Affected Area

The Affected Area would be rezoned from the existing R4 district to an R6A zoning district. A Zoning Text Amendment would also map the Affected Area as an MIH area. The Proposed Actions would effectuate the development of Projected Development Site with a maximum permitted residential FAR of 3.90, a maximum permitted community facility FAR of 3.00, and a maximum permitted building height of 95 feet at 9 stories.

Because of the Affected Area's adjacency to an R4 zoning district, the provisions of ZR 23-693 would apply, requiring that portions of any building in the proposed R6A district be limited in height to 45 feet tall within 25 feet from the adjacent R4 district. While the building portion in the proposed R6A district located within 25 feet from the adjacent R4 district is capped at a maximum building height of 45 feet, the provisions of ZR 23-693 would not impact the maximum permitted base height and building height located more than 25 feet from the adjacent R4 district.

Conclusion

The Proposed Actions would increase the allowable residential floor area density within the Affected Area but would not introduce new Use Groups that would be incompatible with the existing predominantly residential and commercial uses in the 400-foot Study Area. The Proposed Actions would result in development that is in character in height and bulk of the existing medium-density mid-rise buildings in the R6A, R7A, and R8A zoning districts located two blocks to the west of the Affected Area, which was facilitated by Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017, including one 12-story, 194,901 GSF mixed residential and commercial building of 234 dwelling units and two 8-story elevator apartment buildings of 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) respectively on Block 4496.

Given that there are existing residential buildings with similar bulk and height as permitted in the proposed R6A zoning district in the adjacent R6A, R7A, and R8A zoning districts intersecting with the 400-foot Study Area, the Proposed Actions would not alter or accelerate development patterns, nor would it be expected to affect the real estate market in the 400-foot Study Area. For these reasons, the Proposed

Actions are not expected to have significant adverse impacts on zoning, and further analysis is not required.

2.1.3 Public Policy

For public policy, *2021 CEQR Technical Manual* stipulates that a preliminary assessment should identify and describe any public policies (formal plans, published reports) that pertain to the study area, and should determine whether the proposed project could alter or conflict with identified policies. If so, a detailed assessment should be conducted. Otherwise, no further assessment is needed.

The Proposed Actions are not part of, or subject to, an Urban Renewal Plan (URP), adopted community 197-a Plan, Solid Waste Management Plan, Business Improvement District (BID), Industrial Business Zone (IBZ), or the New York City Landmarks Law. The Proposed Actions are also not a large publicly sponsored project, and as such, consistency with the City's OneNYC for sustainability is not warranted.

The Projected Development Site is located within the New York City Coastal Zone Boundary. As a result, an analysis of the Proposed Actions' consistency with the Waterfront Revitalization Program is warranted. In addition, the Proposed Actions include a Zoning Text Amendment to ZR Appendix F: Inclusionary Housing Designated Areas and Mandatory Inclusionary Housing Areas for Queens Community District 10, to establish the Affected Area as an MIH Area under Program Option 1. As a result, the Proposed Actions would potentially affect the public policies related to housing and an analysis of the Proposed Actions' consistency with the relevant public policies is warranted.

It should be noted that the New York City Department of Housing Preservation and Development (HPD) will soon launch an area-wide affordable housing and community resilience planning process in the Jewel Streets, which includes the north-south streets named after various jewels - Ruby, Emerald, Amber, and Sapphire Streets. Given that the Affected Area is located on Sapphire Street within the Jewels Streets area, an analysis of the Proposed Actions' consistency with this neighborhood plan is warranted.

Below is a list of the related public policies the Proposed Actions would have an impact on:

- Waterfront Revitalization Program
- Housing New York 2.0
- Where We Live NYC
- Get Stuff Built
- Housing Our Neighbors: A Blueprint for Housing and Homelessness
- Jewel Streets Neighborhood Plan

Existing Conditions

Waterfront Revitalization Program

Actions that are located within the designated boundaries of New York City's Coastal Zone are subject to an assessment for consistency with the City's Local Waterfront Revitalization Program (WRP). The goal of the program is to maximize the benefits derived from economic development, environmental conservation and public use of the waterfront, while minimizing any potential conflicts among these

objectives. The WRP includes policy objectives that prioritize the development of water-dependent and water-enhancing uses on Coastal Zone properties, mandate public access to the waterfront within certain zoning districts, offer construction guidelines for flood zones, and address the maintenance of water quality.

Housing New York 2.0

Carried out by Housing Preservation and Development (HPD), Housing New York is the Mayor's plan to build or preserve 300,000 affordable homes by 2026. The plan outlines a comprehensive set of policies and programs to address the city's affordable housing crisis and retain the diversity and vitality of its neighborhoods.

Where We Live NYC

Where We Live NYC is a collaborative planning process led by the City of New York to better understand how challenges like segregation and discrimination impact New Yorker's everyday lives. Through Where We Live NYC, the City of New York is developing the next chapter of fair housing policies that fight discrimination, breakdown barriers to opportunity, and build more just and inclusive neighborhoods. The Plan is separated into six key goals that will guide the City's work in advancing fair housing through 2025:

Goal 1. Combat persistent, complex discrimination with expanded resources and protections;

Goal 2. Facilitate equitable housing development in New York City and the region;

Goal 3. Preserve affordable housing and prevent displacement of long-standing residents;

Goal 4. Enable more effective use of rental assistance benefits, especially in amenity-rich neighborhoods;

Goal 5. Create more independent and integrated living options for people with disabilities;

Goal 6. Make equitable investments to address the neighborhood-based legacy of discrimination, segregation, and concentrated poverty.

Get Stuff Built

Get Stuff Built is a strategy to address affordable housing crisis with the goal of 500,000 new homes. Carried out by the Building and Land Use Approval Streamlining Task Force (BLAST), "Get Stuff Built" includes 111 concrete actions the city will take to create more housing more quickly by streamlining processes and removing bureaucratic obstacles that are slowing housing production and economic recovery. These actions will increase the speed and lower the cost of development by accelerating project timelines by 50 percent, ensure environmental protection and meaningful public participation, and stimulate the creation of affordable housing across New York City.

Housing Our Neighbors: A Blueprint for Housing and Homelessness

Housing Our Neighbors: A Blueprint for Housing and Homelessness is a plan to get New Yorkers into Safe, High-Quality, Affordable Homes. Crafted with insight from New Yorkers who experienced homelessness, blueprint focuses not just on creating homes but also on getting New Yorkers into them more quickly. The blueprint contains five main strategies, including:

1. Transforming NYCHA,
2. Addressing Homelessness and Housing Instability,
3. Creating and Preserving Affordable Housing,
4. Improving the Health and Safety of New Yorkers, and
5. Reducing Administrative Burden.

Jewel Streets Neighborhood Plan

The Jewel Streets refer to the north-south streets named after various jewels: Ruby, Emerald, Amber, and Sapphire Streets. The 12-block neighborhood straddles East New York, Brooklyn and Lindenwood, Queens and is known to residents as "The Hole" due to its sunken streets. The low-lying area's high water table and lack of comprehensive stormwater and sanitary sewer infrastructure contribute to year-round flooding, even on sunny days. The goal of the neighborhood plan is to develop concrete strategies to alleviate flooding, redevelop vacant city-owned land, increase housing stability, and create economic opportunities in the identified area, which can help remediate the long-lasting impacts from historic disinvestment and environmental injustice. The neighborhood plan is currently in public outreach.

Future No-Action Condition

No changes affecting Waterfront Revitalization Program, Housing New York 2.0, Where We Live NYC, Get Stuff Built, Housing Our Neighbors: A Blueprint for Housing and Homelessness, or Jewel Streets Neighborhood Plan would occur under the Future No-Action Condition.

Future With-Action Condition

Waterfront Revitalization Program

Since the Projected Development Site is located in the Coastal Zone, a consistency review is warranted for the Proposed Actions (See **Appendix C**). The Proposed Actions would support and facilitate redevelopment in appropriate Coastal Zone areas, integrate consideration of climate change and sea level rise into the planning and design of waterfront development, minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change. The WRP Consistency Assessment Form (CAF) was completed and is provided in **Appendix C**. The CAF assists the Applicant in identifying the relevant WRP policies and certifying that the project is consistent with the WRP.

The Proposed Actions would place a 9-story, 95-foot-tall residential structure in a designated "Zone X" within the 0.2% annual chance floodplain as per the 2015 FEMA Preliminary Flood Insurance Rate Maps (PFIRMs). Properties in Zone X are considered to be at moderate risk of flooding under the National Flood Insurance Program (NFIP). Property owners in Zone X are not required to purchase flood insurance unless they have received federal disaster assistance in the past. Though buildings within Zone X are not required to comply with Appendix G of the Building Code, the cellar level parking spaces of the Proposed Development would be wet flood-proofed with FEMA-approved foundation flood vents to ensure the security of the building in the event of potential flooding.

The CAF was completed to determine the consistency of the proposed project with the WRP's ten policies. Additionally, as the site is located within the boundaries of a flood zone, the Flood Evaluation Worksheet was also completed. The Flood Evaluation Worksheet allows the Applicant to calculate future flood elevations and assess site-specific risks to vulnerable or critical project features.

Based on the information provided in the CAF, a detailed methodology and policy response is provided in **Appendix C**, which incorporates the findings of the Flood Evaluation Worksheet, and the Proposed Action's consistency with the applicable WRP Policies.

Housing New York 2.0

The Proposed Actions are consistent with the goals of Housing New York as an MIH area would be established over the Affected Area to introduce more affordable residential units to the area. The development of the Projected Development Site would set aside 55-82 dwelling units, far more than the total three existing market-rate residential units, as permanently affordable units for households making incomes averaging 40-80% AMI, which makes up 20-30% of the total 273 project induced dwelling units per MIH Option 1, 2, or 3. The affordable units that would be provided pursuant to the Proposed Actions would foster diverse and livable neighborhoods, preserve the affordability and quality of the housing stock, and build new affordable housing for all New Yorkers.

Where We Live NYC

The Proposed Actions would facilitate the development of a new residential building within the Affected Area. By facilitating the construction of affordable units in an area with accessibility to jobs, amenities, and services, the Proposed Actions would contribute to Goal 2 (Facilitate equitable housing development in New York city and the region) of Where We Live NYC.

The Proposed Actions would facilitate the development on an underutilized site with income-restricted units with resident selection procedures, including an occupancy bonus for a percentage of the units to applicants who, at the time of application and processing, are residents of the Community District in which the building is located. Therefore, the Proposed Actions would contribute to Goal 3 (Preserve affordable housing and prevent the displacement of long-standing residents) of Where We Live NYC.

Get Stuff Built

The Proposed Actions would facilitate the construction of 270 incremental dwelling units within the Affected Area, including 68 dwelling units permanently affordable for households making an income at or below 80% AMI. The units that would be provided pursuant to the Proposed Actions would help address affordable housing crisis and contribute to the goal of 500,000 new homes expressed in the "Get Stuff Built" strategy.

Housing Our Neighbors: A Blueprint for Housing and Homelessness

The Proposed Actions would facilitate the construction of 270 incremental dwelling units within the Affected Area, including 68 dwelling units that would be permanently affordable. By creating affordable housing, the Proposed Actions would contribute to the goal of getting New Yorkers into safe, high-quality, affordable homes expressed in "Housing Our Neighbors: A Blueprint for Housing and Homelessness".

Jewel Streets Neighborhood Plan

In order to construct a new residential building on the Projected Development Site in an area with sewer capacity and flooding issues, the Proposed Actions would include infrastructure improvements to help remediate the sewer issue, including but not limited to incorporate wet floodproof building features for the cellar level parking spaces to ensure the safety of the building in the event of potential flooding, improving the sewer system under the Projected Development Site to avoid flooding, and providing on-site green infrastructures such as landscaping areas to retain water. These measures are consistent with the primary goal of the plan to reduce flooding.

The proposed sanitary sewer extension (improvement), design, and construction will be performed in a manner that does not have any future impacts on proposed grade adjustments, either raising or lowering. Preliminary evaluation indicates the required elevation of the sanitary extension to be greater than 10 feet below existing grade, so the sewer structure itself will present no impediment to future considerations relative to current or proposed changes to grade. A relevant manhole structure, necessary for the construction, will be built, as per standards and normal construction procedure, to accommodate the existing grade, while allowing for adjustment of the final casting elevation during any future roadway improvements. This is routine procedure intended from design to allow for modifications for exactly the purpose of accounting for roadway adjustments, and will be necessary for all structures, including valve covers, unrelated to any impacts or involvement of the development in the area of future roadway improvements. In terms of the other aspects of the development, the project team has been coordinating with NYCDOT and NYCDEP throughout the preliminary design process to ensure that this project aligns with the Jewel Street Neighborhood Plan. It is understood that this area has been identified in the Plan as an area where the roadway is intended to be raised. The proposed development is designed with consideration of legal grade such that any proposed future capital project would not be in any way impacted or precluded by this development.

Meanwhile, the Proposed Actions would facilitate the construction of 270 incremental dwelling units within the Affected Area, including 68 dwelling units that would be permanently affordable. By creating affordable housing, the Proposed Actions would also contribute to the goal of ensuring residents with access to safe and affordable homes listed as one of the goals on the Jewel Streets Neighborhood Plan.

Conclusion

The Proposed Actions would facilitate the construction of 273 high-quality dwelling units (270 incremental dwelling units) within the 400-foot Study Area, including 20-30% of the residential floor area or 55-82 dwelling units that would be permanently affordable to households with incomes averaging 40-80% AMI pursuant to MIH Option 1, 2, or 3. The Proposed Development would incorporate wet floodproof building features for the cellar level parking spaces to ensure the safety of the building in the event of potential flooding. As a result, the Proposed Actions would comply with the intent of public policies including Waterfront Revitalization Program, Housing New York 2.0, Where We Live NYC, Get Stuff Built, Housing Our Neighbors: A Blueprint for Housing and Homelessness, and Jewel Streets Neighborhood Plan. Therefore, the Proposed Actions would not result in significant adverse impacts on public policy, and further analysis is not required.

Land Use, Zoning, and Public Policy Conclusion

As analyzed above, the Proposed Actions would not create a land use or zoning conflict, nor would itself conflict with public policies for the site or the Study Area. Therefore, the Proposed Actions would not result in significant adverse impacts on land use, zoning, or public policy. Accordingly, no further analysis is warranted.

2.2 Socioeconomic Conditions

According to the *2021 CEQR Technical Manual*, a socioeconomic assessment should be conducted if a project may be reasonably expected to create socioeconomic changes within the area affected by the project that would not be expected to occur without the project. The following circumstances would typically require a socioeconomic assessment:

- The project would directly displace residential population to the extent that the socioeconomic character of the neighborhood would be substantially altered. Displacement of less than 500 residents would not typically be expected to alter the socioeconomic character of a neighborhood. For projects exceeding this threshold, assessments of the direct residential displacement, indirect residential displacement, and indirect business displacement are appropriate.

- The project would directly displace more than 100 employees. For projects exceeding this threshold, assessments of direct business displacement and indirect business displacement are appropriate.

- The project would directly displace a business that is unusually important because its products or services are uniquely dependent on its location; that, based on its type or location, is the subject of other regulations or publicly adopted plans aimed at its preservation; or that serves a population uniquely dependent on its services in its present location. Information provided in Chapter 4, "Land Use, Zoning, and Public Policy," may be useful in determining whether an assessment is appropriate. If any of these conditions is considered likely, assessments of direct business displacement and indirect business displacement are appropriate.

- The project would result in substantial new development that is markedly different from existing uses, development, and activities within the neighborhood. Such a project may lead to indirect displacement. Typically, projects that are small to moderate in size would not have significant socioeconomic effects unless they are likely to generate socioeconomic conditions that are very different from existing conditions in the area. Residential development of 200 units or less or commercial development of 200,000 square feet or less would typically not result in significant socioeconomic impacts. For projects exceeding these thresholds, assessments of indirect residential displacement and indirect business displacement are appropriate.

- The project would add to or create a retail concentration that may draw a substantial number of sales from existing businesses within the Study Area to the extent that certain categories of business close and vacancies in the area increase, thus resulting in a potential for disinvestment on local retail streets. Projects resulting in less than 200,000 square feet of retail on a single development site would not typically result in socioeconomic impacts. If the proposed development is located on multiple sites located across an Affected Area, a preliminary analysis is likely only warranted for retail developments in excess of 200,000 sq. ft. that are considered regional serving (not the type of retail that primarily serves the local population). For projects exceeding these thresholds, an assessment of the indirect business displacement due to market saturation is appropriate.

- If the project is expected to affect conditions within a specific industry, an assessment is appropriate. For example, a citywide regulatory change that would adversely affect the economic and operational conditions of certain types of businesses or processes may affect socioeconomic conditions in a neighborhood: (1) if a substantial number of residents or workers depend on the goods or services provided by the affected businesses; or (2) if it would result in the loss or substantial diminishment of a particularly important product or service within the city. Since the range of possible types of projects that may require an analysis of specific industries varies, the lead agency, in consultation with the Mayor's Office of Environmental Coordination (MOEC), should provide guidance as to whether an analysis is warranted.

Methodology

Typically, the socioeconomic Study Area boundaries are similar to those of the land use Study Area. The Study Area encompasses the Projected Development Site and adjacent area within 400 feet, 0.25 mile, or 0.5 mile, depending on project size and area characteristics. The socioeconomic assessment seeks to examine the potential to change socioeconomic character relative to the Study Area population. For projects that result in an increase in residential population, the scale of the relative change is typically represented as a percent increase in population.

Existing Conditions

The Projected Development Site is located in the Lindenwood neighborhood of Queens Community District 10 and consists of Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before the construction starts. Combined, the twelve lots consist of approximately 55,173 square feet, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse.

Future No-Action Condition

In the future without the Proposed Actions, existing conditions would remain. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Future With-Action Condition

In the future with the Proposed Actions, the Projected Development Site would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3.

MIH Option 1 requires 25 percent of the residential floor area set aside for affordable housing at an average of 60 percent of AMI with 10 percent of the residential floor area at 40 percent AMI. MIH Option 2 requires 30 percent of the residential floor area set aside for affordable housing at an average of 80 percent AMI. MIH Option 3 requires 20 percent of the residential floor area set aside for affordable housing at an average of 40 percent AMI.

A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted around the building.

2.2.1 Preliminary Socioeconomic Screening

Direct Residential Displacement

There are three residential dwelling units within the Affected Area under existing conditions. Assuming an average occupancy of 3.11 persons based on the average household size within Queens Community District 10 (2020 Decennial Census Data), the Proposed Actions would displace approximately 9 residents, which is far below the threshold of 500 directly displaced residents as listed in the *2021 CEQR Technical Manual* and doesn't represent a substantial or significant portion of the population within the Study Area. Therefore, and assessment of direct residential displacement is not warranted.

Direct Business Displacement

The Proposed Actions would replace the existing 600 GSF of manufacturing uses (warehouse) and 1 worker (assuming 1 employee per 1,000 GSF of warehouse uses). As the number of directly displaced employees is less than 100, an assessment of direct business displacement is not required.

Indirect Residential Displacement

For a most conservative analysis result, the MIH Option that will result in the highest average income for the entire building (affordable and market) will be analyzed below. Given that the market-rate rents in the Lindenwood neighborhood are not sufficiently high, MIH Option 2 is expected to have the highest average income for the proposed building.

The Proposed Actions would result in a net induced development of 270 dwelling units, 30% or 81 units of which would be affordable at an average of 80 percent AMI per MIH Option 2. Assuming an average occupancy of 3.11 persons based on the average household size within Queens Community District 10 (2020 Decennial Census Data), the Proposed Actions would introduce approximately 840 incremental residents. Pursuant to the *2021 CEQR Technical Manual*, for a project exceeding 200 dwelling units, an assessment of indirect residential displacement is appropriate. Therefore, further analysis of the potential for indirect displacement due to increased rents is warranted.

Indirect Business Displacement due to Retail Market Saturation

As noted above, the Proposed Actions are projected to eliminate 600 GSF of manufacturing uses (warehouse). The induced development would not include any commercial uses, and further analysis of indirect business displacement is not warranted.

Adverse Effects on Specific Industries

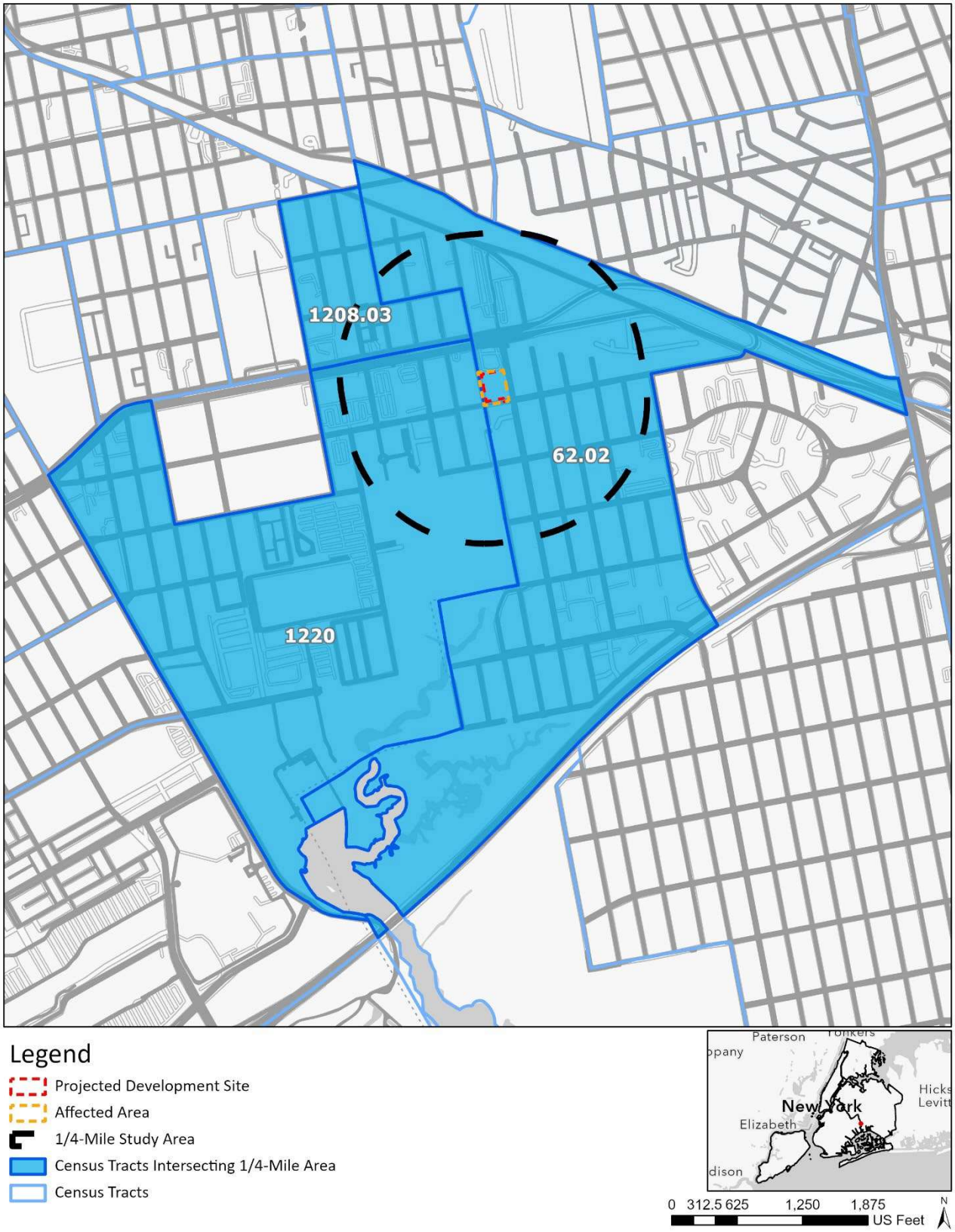
The Proposed Actions would not affect a business that provides goods or services to a substantial number of residents or workers and would not result in the loss or substantial diminishment of a particularly important product or services within the city. Therefore, no adverse impacts to any industries would occur because of the Proposed Actions.

2.2.2 Preliminary Indirect Residential Displacement Assessment

Because the Proposed Actions would result in the development of over 200 residential units, further analysis of the potential for indirect impacts associated with increased rents was conducted. Pursuant to the *2021 CEQR Technical Manual*, a 1/4-mile study area is appropriate for a project producing a small increase (below 5 percent) to the population size in the area. The Proposed Actions would introduce a net increment of 840 residents, which is an approximately 4.99 percent increase to the existing population (16,821 residents using the DCP Housing and Population Projections available on CEQR Data Hub[3]) in the 1/4-mile study area, which is defined to include census tracts within the 1/4-mile radius of the Affected Area. Accordingly, the 1/4-mile Study Area is appropriate for the purpose of socioeconomic condition analysis. As shown in **Figure 2.2-1** below, the 1/4-mile study area includes Brooklyn Census Tracts 1208.03 and 1220 and Queens Census Tract 62.02.

[3] https://nycplanning.github.io/ceqr-data-hub/pages/chapters.html

Figure 2.2-1: Socioeconomic Study Area – 1/4 Mile



Step 1

Step 1 of the socioeconomics analysis requires a determination of whether or not the Proposed Actions would add a new population to the Study Area with higher average incomes compared to the average incomes of the existing populations and any new population expected to reside in the Study Area without the project.

Study Area Household Income

Household income characteristics within the 1/4-mile Study Area can be revealed with the median household income, the mean household income, and the percentage of households below poverty level. The median household income divides the household income distribution into two equal parts with half having income above that amount and half having income below that amount. Unlike the median household income, the mean household income is the amount obtained by dividing the total aggregate income of all households by the number of households, which is more affected by the relatively unequal distribution of the income that tilts towards the top. As a result, the mean household income is typically higher than the median household income given that the top earning households could boost the number. The percentage of households below poverty level is also important in forming a comprehensive understanding of the household income as the poverty level is determined by the Census Bureau with an official poverty measure that compares pre-tax cash income against a threshold that is set at three times the cost of a minimum food diet in 1963 and adjusted for family size.

Referencing the NYC Planning Population FactFinder[4], as shown below in **Table 2.2-1**, the 1/4-mile Study Area census tracts had a median household income of $64,165 and a mean household income of $80,338 in 2010. In the same year, Queens had a median household income of $77,678 and a mean household income of $98,635, while New York City had a median household income of $70,645 and a mean household income of $109,437. By 2023, the median household income within the 1/4-mile Study Area had increased to $70,737, while the mean household income had increased to $83,456. In 2023, Queens had a median household income of $84,961 and a mean household income of $113,673, and New York City had a median household income of $79,713 and a mean household income of $127,894.

Table 2.2-1: Household Income Characteristics of 1/4-Mile Study Area, Queens, and NYC

	Median Household Income			Mean Household Income		
	2006-2010 ACS	2019-2023 ACS	Percent Change	2006-2010 ACS	2019-2023 ACS	Percent Change
1/4-Mile Study Area	$64,165	$70,737	--[1]	$80,338	$83,456	--[1]
Queens	$77,678	$84,961	9.4	$98,635	$113,673	15.2
New York City	$70,645	$79,713	12.8	$109,437	$127,894	16.9

Source: Bureau of the Census, 2019-2023 and 2006-2010 Five-Year ACS Estimates, as reported on DCP's Population FactFinder
Notes: [1]The statistical reliability of the data included in this table has been vetted using DCP's Population FactFinder. For the study area, the directionality of change over time was not statistically reliable due to sampling variability and therefore the change is not reported for the median and mean household income.

[4] https://popfactfinder.planning.nyc.gov/

Study Area Market Rent

The US Census provides information on median contract rent, which reflects the range of rents for both units of different sizes and ages and occupants who may have moved in recently or lived in their units for a long time. However, these data are of limited use because they fail to distinguish between units subject to market rents and those under some form of rent regulation. To understand the current trends, particularly trends affecting unregulated rental units, the rental data from the ACS should be supplemented by information from real estate brokers and examination of current rental apartment listings.

Though utilizing the median gross rent from the ACS data to determine market rents in a Study Area is not recommended as ACS rents do not distinguish between market and rent-regulated units, often making the data difficult to parse, the value of ACS rent data lies in its ability to show trends over time as opposed to the actual values. Therefore, the 2006-2010 ACS and 2019-2023 ACS have been included to show the trend of rent change in the 1/4-mile Study Area, Queens, and NYC.

Table 2.2-2: Median Gross Rent of the 1/4-Mile Study Area, Queens, and NYC

	2006-2010 ACS	2019-2023 ACS	Change
1/4-Mile Study Area	1,628	1,419	Significant Reduction[1]
Queens	1,659	1,915	+256
New York City	1,505	1,779	+274

Source: Bureau of the Census, 2019-2023 and 2006-2010 Five-Year ACS Estimates, as reported on DCP's Population FactFinder
Notes: [1]DCP's NYC Population FactFinder data indicates that the median gross rent in the 1/4-mile study area declined significantly over time. However, because of sampling variability, the estimated amount of change is not statistically reliable and is therefore not reported.

As shown in **Table 2.2-2** above, the median gross rent within the 1/4-mile Study Area was in the middle at around $1,628, compared to that in Queens ($1,659) and in New York City ($1,505) in 2010. In 2023, the 1/4-mile Study Area has a lowest median gross rent of $1,419 compared to that in Queens ($1,915) and in New York City ($1,779). Per the NYC Planning Population FactFinder platform, though the dollar amount change of the median gross rent within the 1/4-mile Study Area is not statistically reliable due to sampling variability, the dataset represents a statistically significant reduction in the median gross rent within the 1/4-mile Study Area. As described above, though the ACS median gross rent data is considered to be of limited use, it still indicates that the 1/4-mile Study Area may have experienced a readily observable trend toward decreasing rents in the last decade.

In addition to the ACS data, a more appropriate data source for determining market rents in the 1/4-Mile Study Area would be from professional market reports of real estate agency websites. Since most real estate reports use the neighborhood as the basic geographic unit, Howard Beach - Lindenwood, where the Affected Area is located, was used as the alternative and comparable of the 1/4-Mile Study Area in the market rate rental price research respectively.

According to the data from *StreetEasy Data Dashboard* website[5], the median asking rent in Howard Beach was $2,700 in October 2023, which increased to $2,900 in October 2024. The *M.N.S Real Estate NYC 2023 Year End market report*[6], which features a more detailed perspective on the average rental prices of

[5] https://streeteasy.com/blog/data-dashboard/
[6] http://www.mns.com/pdf/queens_year_end_market_report_2023.pdf

different unit types in both Queens and specific neighborhoods, also proves the trend of steadily increasing rent in the area. The report shows that the average rental prices in Queens increased across all unit types in 2023. Average studio rental prices increased by 8.92% from $2,038 to $2,219, one-bedroom rental prices increased by 10.57% from $2,470 to $2,731, and two-bedroom rental prices increased by 7.99% from $3,215 to $3,472. Overall, the average rental price for a unit in Queens was $2,808, up 9.06% from 2022's overall average of $2,574.

To determine market rents for the Study Area, the website Zillow[7] was consulted as it has more data points within the Howard Beach-Lindenwood neighborhood compared to StreetEasy. For the Study Area, rental prices ranged from $1,500 to $3,990, which is indicative of an area in transition that has seen a number of private developments in recent years. The range of market rents is shown below in **Table 2.2-3,** along with columns showing the estimated annual household incomes to afford the rents. Typically, rents are estimated to be 30% of the household incomes.

Table 2.2-3: Zillow Market Rent in Howard Beach-Lindenwood[1]

Bedrooms	Low Rent	Median Rent	High Rent	Annual Household Income Estimate (Low)	Annual Household Income Estimate (Median)	Annual Household Income Estimate (High)
Studio	$1,500	$1,650	$1,800	$60,000	$66,000	$72,000
1BR	$2,100	$2,100	$2,300	$84,000	$84,000	$92,000
2BR	$2,500	$2,775	$3,300	$100,000	$111,000	$132,000
3BR	$3,200	$3,650	$3,990	$128,000	$146,000	$159,600

1. The market-rate rent data was exported from Zillow on February 17, 2026. Historic data is not available for rental units.

Proposed Building Household Income and Market Rent Estimates

Since new development tends to be at the higher end of the rents, the third quartile of market rent range in Howard Beach-Lindenwood would be referred to as the potential rent of the proposed market-rate units on the Projected Development Site, which is approximately $1,725 for studio, $2,250 for one-bedroom, $3,100 for two-bedroom, and $3,793 for three-bedroom. Accordingly, the estimated annual household income to afford the rent would be $69,000 for studio, $90,000 for one-bedroom, $124,000 for two-bedroom, and $151,700 for three-bedroom. Based on the Applicant's proposed architectural plan, of the proposed units, approximately 28% would be studios, 44% would be one-bedroom, 28% would be two-bedroom, and 0% would be three-bedroom. Accordingly, it is estimated that the average income of households occupying the market-rate units on the Projected Development Site would be $93,667.

The Proposed Actions would introduce an increment of 270 dwelling units on the Projected Development Site, with 20-30% of the proposed residential floor area (55-82 units) permanently set aside as affordable to households with incomes averaging 40-80% AMI pursuant to MIH Option 1, 2, or 3. Accordingly, the average expected household income in the proposed affordable units would be based on the New York City Area Median Income provided on the New York City Department of Housing Preservation and Development (HPD) shown in **Table 2.2-4** below. Since the average household size is 3.11 in Queens

[7] https://zillow.com/

Community District 10 per 2020 Decennial Census, it is estimated that the average income of households occupying the affordable units on the Projected Development Site would be $118,066.

Table 2.2-4: New York City Area Median Income in 2025[8]

Family Size	30% AMI	50% AMI	60% AMI	80% AMI	100% AMI	120% AMI	165% AMI
1 Person	$34,020	$56,700	$68,040	$90,720	$113,400	$136,080	$187,110
2 Persons	$38,880	$64,800	$77,760	$103,680	$129,600	$155,520	$213,840
3 Persons	$43,740	$72,900	$87,480	$116,640	$145,800	$174,960	$240,570
4 Persons	$48,600	$81,000	$97,200	$129,600	$162,000	$194,400	$267,300

As described above, the Proposed Project would be subject to MIH Option 2, with 30% of the units as affordable and 70% as market-rate. Accordingly, the average household income of the residents in the Proposed Project would be $100,986.

As shown in **Table 2.2-1** above, the 1/4-mile Study Area census tracts have a median household income of $70,737 and an average household income of $83,456 according to the 2019-2023 ACS data. Although 30% (81 units) of the proposed dwelling units would be permanently set aside as affordable for households earning incomes averaging 80% AMI per MIH Option 2, the overall average income of the introduced population would be higher than that of the Study Area. Therefore, the analysis will continue to Step 2.

Step 2

Step 2 of a socioeconomics analysis requires determining if the Proposed Actions would increase the Study Area's population in an amount large enough relative to the size of the population expected to reside in the Study Area without the project to affect real estate market conditions in the Study Area. If the population increase is less than five percent within the Study Area, further analysis is not warranted, as the change would not be expected to affect real estate market conditions.

Existing Conditions

To determine the existing population for the Study Area, all completed DOB permits for the Study Area census tracts that were completed since 2020 were added to the 2020 Decennial Census population. As stated in the *2021 CEQR Technical Manual*, to better understand the trends of changing socioeconomic conditions of the Study Area that may potentially displace a vulnerable population, it is useful to include data from the most recent census as well as data from the completed DOB permits between the census year till now when determining the existing population of the Study Area. The data adopted to determine the existing population includes 2020 decennial census data and DCP Housing Database, which are integrated into the DCP Housing and Population Projections from CEQR Data Hub[9].

Based on the DCP Housing and Population Projections, the total existing population of the three census tracts within the 1/4-mile Study Area is 16,706 residents.

[8] https://www1.nyc.gov/site/hpd/services-and-information/area-median-income.page
[9] https://nycplanning.github.io/ceqr-data-hub/pages/chapters.html

Future No-Action Condition

The No-Action Condition for the Study Area, projected to the 2029 build year, is based on the household size and known active and planned developments within the Study Area. A review of active major construction projects, approved BSA applications, and approved ULURP actions shall be undertaken to determine future developments in the area.

Per the DCP Housing and Population Projections, the No-Action Condition would have a total of 16,944 residents as a result of 11 active construction permits and 70 active filings.

Future With-Action Condition

Compared to the No-Action Condition, the Proposed Actions would introduce 270 dwelling units. Assuming an average household size of 3.11 persons within Queens Community District 10 (2020 Decennial Census Data), the Proposed Actions would introduce approximately 840 incremental residents. As a result, the With-Action Condition population would result in a 4.96 percent increase over the No-Action Condition.

Per the *2021 CEQR Technical Manual*, if the population increase induced by the Proposed Action is greater than 5 percent in the study area, such population increase is considered large enough to potentially affect real estate market conditions in the study area. Accordingly, the population increase induced by the Proposed Action is not considered significant to the 1/4-Mile Study Area.

2.2.3 Conclusion

Though the induced development resulting from the Proposed Actions would continue the established trend of population growth in the area and would add new population with a higher average income ($100,986) compared to the average income of the existing populations ($83,456), the Proposed Actions would not have significant adverse impacts on the socioeconomic conditions. The Proposed Actions are anticipated to result in a 4.96 percent population increase to the 1/4-Mile Study Area, which is not large enough (more than 5%) to be considered significant per the *2021 CEQR Technical Manual*. Therefore, no significant adverse socioeconomic impacts would occur, and no further analysis is warranted.

2.3 Community Facilities

A community facilities assessment may be necessary if an action could potentially affect the provision of services provided by public or publicly funded community facilities such as schools, hospitals, libraries, daycare/Head Start facilities, and fire and police protection. Per the screening levels established in the *2021 CEQR Technical Manual*, there are direct and indirect effects. An assessment of the project's impacts on community facilities is generally warranted if:

- a project would add new population to an area that would increase the demand for services and cause potential indirect effects on service delivery. Depending on the size, income characteristics, and age distribution of the new population there may be effects on public or publicly funded schools, libraries, health care facilities, or daycare/Head Start facilities.
- a project would physically alter a community facility, whether by displacement of the facility or other physical change. This direct effect triggers the need to assess the service delivery of the facility and the potential effect that the change may have on that service delivery.

2.3.1 Preliminary Screening

In the future without the Proposed Actions, existing conditions within the Affected Area would remain. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

In the future with the Proposed Actions, the Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces.

The incremental development effectuated by the Proposed Actions under the RWCDS would include 270 residential units. For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI.

Based on a preliminary assessment of CEQR thresholds in Queens Community School District (CSD) 27, the Proposed Actions trigger a detailed CEQR analysis for public schools but does not trigger a detailed CEQR analysis for Early Childhood Programs, Libraries, Health Care Facilities, or Fire and Police Protection Services. The incremental development scenario results in 58 combined elementary and middle school students and 40 high school students. As shown below in **Table 2.3-1**, this is above the applicable

threshold of 50 combined elementary and middle school students and below the threshold of 150 high school students.

Table 2.3-1: Community Facilities Preliminary Assessment

Community Facility	Threshold	Proposed Project		Exceeds Criteria Threshold
Public Schools				
Elementary School and Middle School Students	>50 elementary and middle school children (combined)	0.15 0.06	41 17	Yes
High School Students	>150 high school students	0.15	40	No
Early Childhood Programs <6 years old	>139 permanently affordable residential DUs in Queens	55		No
Libraries >5% Increase in ratio of residential units	>663 DUs in Queens	270		No
Health Care Facilities	Direct Effect	N/A		No
Fire Protection	Direct Effect	N/A		No
Police Protection	Direct Effect	N/A		No

* The Proposed Actions would introduce an increment of 270 dwelling units, including 20% or 55 affordable units.
** Multipliers for Public Schools are defined by the School Construction Authority Data Package for Queens CSD 27.

2.3.2 Primary and Intermediate Schools—Detailed Assessment

Based on the preliminary analysis, the Proposed Actions are expected to result in a total of 58 additional public-school students (41 primary school students and 17 middle school students), which is above the threshold of 50 students.

Study Area

Per the *2021 CEQR Technical Manual*, the study area for the analysis of primary and middle schools is to be conducted in the school district's sub-district in which the project is located. The Affected Area is located entirely within Community School District 27 (CSD 27), Sub-District 4. CSD 27, Sub-District 4 has three primary schools, two middle schools, and three K-8 schools for a total of eight primary and middle schools combined. **Figure 2.3-1** shows public schools within Queens CSD 27, Sub-District 4.

Existing Conditions

Primary Schools in CSD 27 Sub-District 4

As shown in **Table 2.3-2** (excluding charter schools and special education schools) CSD 27, Sub-District 4 has a capacity of 3,083 seats at the primary school level with a current enrollment of 3,346 students. Primary schools are currently over capacity by 263 seats resulting in a utilization rate of 109 percent.

Middle Schools in CSD 27 Sub-District 4

As shown in **Table 2.3-3** (excluding charter schools and special education schools) CSD 27, Sub-District 4 has a capacity of 1,565 seats at the middle school level with a current enrollment of 1,530 students. Middle schools are currently under capacity by 35 seats resulting in a utilization rate of 98 percent.

Figure 2.3-1: Public School Study Area

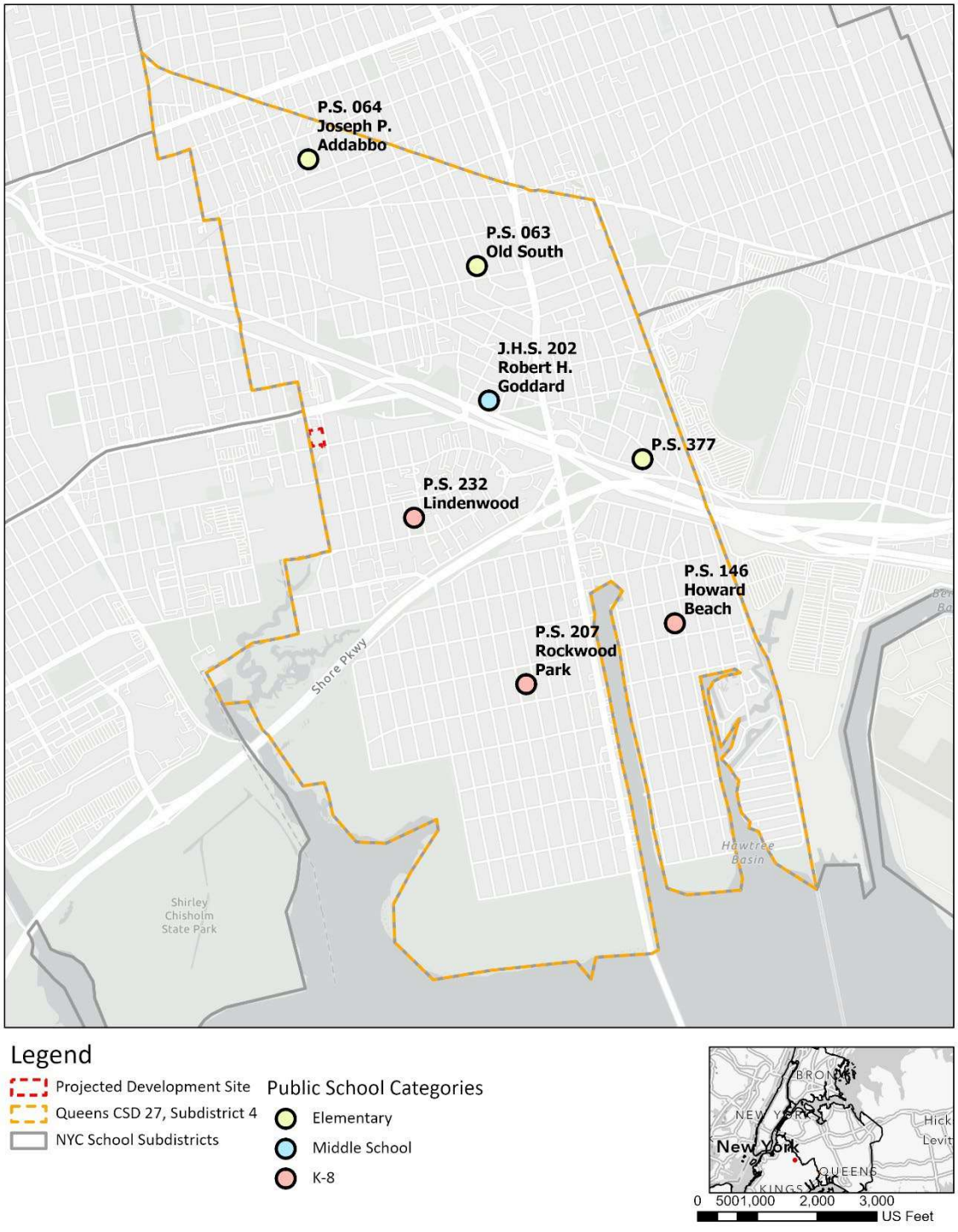


Table 2.3-2: Primary Schools Enrollment, Capacity and Utilization Within Study Area

Org. ID	Bldg. ID	School Name	Address	Grades	Enrollment	Capacity	Available Seats	Utilization (%)
Q063	Q063	P.S. 063 Old South	90-15 Sutter Ave	0K,01,02,03,04,05	977	1,032	55	95%
Q064	Q064	P.S. 064 Joseph P. Addabbo	82-01 101 Ave	0K,01,02,03,04,05	493	358	-135	138%
Q377	Q335	P.S. 377	150-15 Raleigh St	0K,01,02,03,04,05	506	459	-47	110%
Q146*	Q146	P.S. 146 Howard Beach	98-01 159 Ave	PK,0K,01,02,03,04,05,06,07,08	382	299	-83	128%
Q207*	Q207	P.S. 207 Rockwood Park	159-15 88 St	PK,0K,01,02,03,04,05,06,07,08	488	518	30	94%
Q232*	Q232	P.S. 232 Lindenwood	153-23 83 St	0K,01,02,03,04,05,06,07,08	500	417	-83	120%
Totals (School District 27 - Subdistrict 4)					**3,346**	**3,083**	**-263**	**109%**

* These schools are K-8 schools with both primary and middle school grades. Only primary school grades are accounted in this table.
Source: SCA Enrollment, Capacity, and Utilization (Blue Book) [2024-2025]

Table 2.3-3: Middle Schools Enrollment, Capacity and Utilization Within Study Area

Org. ID	Bldg. ID	School Name	Address	Grades	Enrollment	Capacity	Available Seats	Utilization (%)
Q202	Q202	J.H.S. 202 Robert H. Goddard	138-30 Lafayette St	06,07,08	906	1,011	105	90%
Q146*	Q146	P.S. 146 Howard Beach	98-01 159 Ave	PK,0K,01,02,03,04,05,06,07,08	164	129	-35	127%
Q207*	Q207	P.S. 207 Rockwood Park	159-15 88 St	PK,0K,01,02,03,04,05,06,07,08	181	192	11	94%
Q232*	Q232	P.S. 232 Lindenwood	153-23 83 St	0K,01,02,03,04,05,06,07,08	279	233	-46	120%
Totals (School District 27 - Subdistrict 4)					**1,530**	**1,565**	**35**	**98%**

* These schools are K-8 schools with both primary and middle school grades. Only middle school grades are accounted in this table.
Source: SCA Enrollment, Capacity, and Utilization (Blue Book) [2024-2025]

Future No-Action Condition

The Department of Education works with city agencies to develop a comprehensive list of new housing starts and incorporates the expected increase in school-age population into its projections, which is served as the basis of school enrollment and utilization in the No-Action Condition.

Meanwhile, it should be noted that there is an active ongoing rezoning project at 78-08 Linden Boulevard (Block 11384, Lot 1; CEQR Number: 24DCP123Q) directly on the northern boundary of the Affected Area, which is currently under the Uniform Land Use Review Procedure (ULURP) process. The 78-08 Linden Boulevard Rezoning project would rezone Block 11384, Lot 1 from an R4/C1-2 zoning district to R7D/C2-4 and R6A zoning districts. The R7D/C2-4 district would cover the northern portion of the lot, and the R6A district would be mapped on the southern portion of the lot. A zoning text amendment is also proposed pursuant to Appendix F to map a Mandatory Inclusionary Housing (MIH) area over the lot. With the approval of the proposed zoning actions, it is expected that, in the worst-case scenario, a 260,272 GSF mixed-use building would be constructed on Block 11384, Lot 1, containing 248,174 GSF of residential floor area for 292 dwelling units on all building floors and 12,108 GSF of commercial (local retail) uses. For a more conservative analysis result, this adjacent rezoning is also included in the analysis.

Table 2.3-4 below shows the projected enrollment for the 2028-2029 school year, incorporating the projections from the Department of Education and the adjacent active rezoning.

Table 2.3-4: No-Action 2028 Public Primary and Middle School Enrollment

Study Area	Projected 2028 Enrollment	No-Action Development[1]	Total Enrollment	Projected Capacity	Available Seats	Utilization (%)
Primary Schools						
District 27 - Subdistrict 4	2,724	67	2,791	3,083	292	91%
Middle Schools						
District 27 - Subdistrict 4	1,439	27	1,466	1,565	99	94%

1. The number of students from the No-Action development as a result of 78-08 Linden Boulevard Rezoning (292 housing units) were calculated with the housing multipliers of 0.15 for primary schools and 0.06 for middle schools within Queens Community School District 27. In addition, the Projected New Housing Starts (2025-2034) from SCA indicated that there would be 153 projected new housing units within Queens Community School District 27 Subdistrict 4 for primary and middle schools, which was multiplied by the same housing multipliers to account for other background growth.

Future With-Action Condition

The Proposed Actions would effectuate 270 incremental dwelling units. Based on the number of dwelling units, it is projected that 41 primary school students and 17 middle school students would be introduced into the Study Area by the Proposed Actions. **Table 2.3-5** below shows the With-Action enrollment for the 2028 build year.

Table 2.3-5: With-Action 2028 Public Primary and Middle School Enrollment

School Level	No-Action Enrollment	Project Generated Students	With-Action Enrollment	Projected Capacity	Available Seats	With-Action Utilization (%)	Change in Utilization (%) from No-Action
Primary Schools	2,791	41	2,832	3,083	251	92%	1.48%
Middle Schools	1,466	17	1,483	1,565	82	95%	1.16%

2.3.3 Primary and Middle Schools Conclusion

As stated in the *2021 CEQR Technical Manual*, a significant impact may result, warranting consideration of potential mitigation if a proposed project would result in both of the following conditions:

- A collective utilization rate of the primary or intermediate schools that is equal to or greater than 100 percent in the With-Action Condition; and
- An increase of five percent or more in the collective utilization rate between the No-Action and With-Action conditions.

This analysis indicates that in the Future With-Action Condition, the utilization rate for primary schools would be 92 percent, and the utilization rate for middle schools would be 95 percent. In addition, the Proposed Actions would result in only a 1.48 percent increase in utilization for primary schools and a 1.16 percent increase in utilization for middle schools, compared to the No-Action Condition. Therefore, pursuant to *2021 CEQR Technical Manual* methodology, the Proposed Actions would not result in significant adverse impacts related to public primary or middle school utilization.

2.4 Open Space

The *2021 CEQR Technical Manual* defines the need for an open space assessment if the proposed action(s) would have a direct or indirect effect on open space resources. Direct effects would occur if the proposed action(s) would result in the physical loss of a public open space; change of use of an open space so that it no longer serves the same user population; limit public access to an open space; or cause increased noise or air pollutant emissions, odors, or shadows on public open space that would affect its usefulness, whether temporary or permanent. Indirect effects would occur if the proposed action(s) would result in an increase of population sufficiently large enough to noticeably diminish the ability of an area's open space to serve future population.

Open space is defined as publicly or privately-owned land that is publicly accessible and operates, functions, or is available for leisure, play, or sport, or set aside for the protection and/or enhancement of the natural environment.

Pursuant to Chapter 7, Section 100 of the *2021 CEQR Technical Manual*, Open Space Resources are defined as active and/or passive, and may include, but is not limited to, the following:

- Parks operated or managed by the City, State, or Federal governments and include neighborhood and regional parks, beaches, pools, golf courses, boardwalks, playgrounds, ballfields, and recreation centers that are available to the public at no cost or through a nominal fee, as in the case of recreation centers and golf courses;
- Open space designated through regulatory approvals (such as zoning), including large-scale permits that prescribe publicly accessible open space, such as public plazas;
- Outdoor schoolyards if available to the public during non-school hours;
- Publicly-accessible institutional campuses;
- Esplanades;
- Designated greenways, as shown on the City's Bike Map, and defined as multi-use pathways for non-motorized recreation and transportation along natural and manmade linear spaces such as rail and highway rights-of-way, river corridors, and waterfront spaces;
- Landscaped medians with seating;
- Housing complex grounds, if publicly accessible;
- Nature preserves, if publicly accessible;
- Gardens, if publicly accessible.

Methodology

According to the guidelines of the *2021 CEQR Technical Manual* for analysis of residential development, census tracts with at least half of their geographic area within a one-half mile radius of the Affected Area comprise the open space study area. Using current population figures, an open space ratio is calculated

for both the future no-action and future with-action conditions, expressed as the amount of open space acreage per 1,000 user population. Typically, a comparison is made to the city's planning goal of 2.50 acres per 1,000 residents, which would ideally comprise of 0.50 acres (20 percent) of passive space and 2.0 acres (80 percent) of active open space per 1,000 residents. For nonresidents who tend to use passive open space, for example workers taking a break in a park, the optimal ratio for nonresidential populations is 0.15 acres of passive open space per 1,000 nonresidents. Information from the NYC Department of City Planning's Community District Needs Statements, NYC Department of Parks and Recreation (DPR) website, and U.S. Census data were utilized in preparing the open space analysis.

2.4.1 Direct Effects

Direct effects to open space are addressed in the sections for those specific technical areas where warranted. Construction impacts to open space are not anticipated as there would be no physical loss of public open space, no change in existing open space so that it no longer serves the same user population, would not limit public access, and would not increase noise or air pollutant emissions, odors, or shadows on public open space that would affect its usefulness. An assessment of the effects of the Proposed Actions related to shadows on open space resources is provided in **Chapter 2.5: Shadows**.

2.4.2 Indirect Effects

Preliminary Open Space Assessment

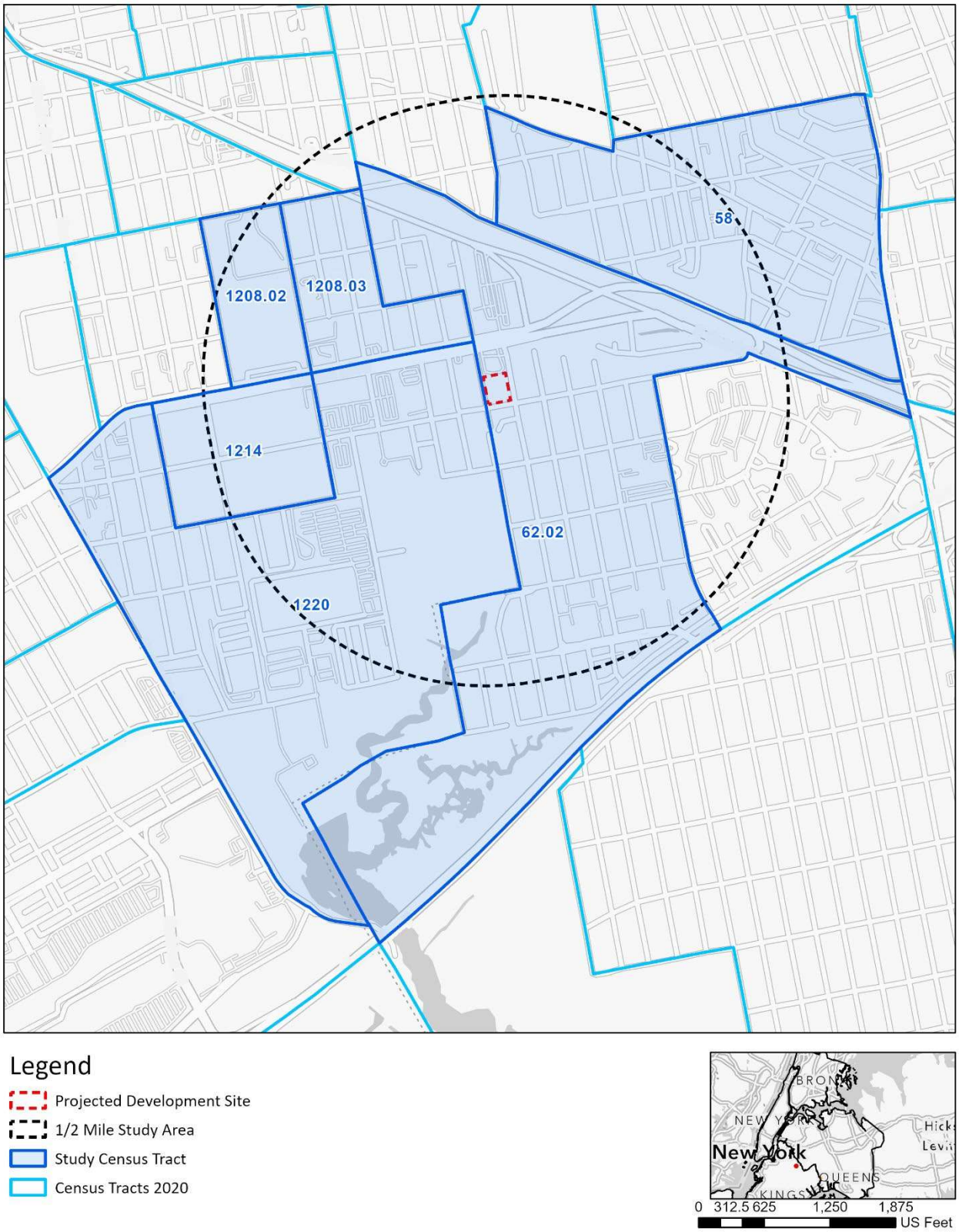
The Proposed Actions would result in a net increase of 230,935 GSF of residential uses and 55,205 GSF of accessory parking as well as a net decrease of 600 GSF of manufacturing uses. The Proposed Actions would result in an incremental development of 270 dwelling units. Assuming an average occupancy of 3.11 persons based on the average household size within Queens Community District 10 (2020 Decennial Census), the incremental population introduced by the Proposed Actions would be approximately 840 residents. Assuming 1 employee per 25 dwelling units, there would be approximately 11 more employees as a result of the Proposed Actions.

The threshold for assessment of the potential for indirect impacts is 200 new residents or 500 additional employees. Therefore, an assessment of indirect effects on public open space resources is warranted and the preliminary assessment addresses the residential population introduced by the Proposed Actions.

Study Area Definition

In accordance with the guidelines established in the *2021 CEQR Technical Manual*, the open space study area is defined to analyze both the nearby open spaces and the population using those open space resources. It is generally defined by a reasonable walking distance that users would travel to reach local open spaces and recreational areas. Pursuant to the *2021 CEQR Technical Manual*, the open space study area includes all U.S. Census Tracts that have 50 percent or more of their area within a half-mile radius of the Affected Area for residential users. As shown in **Figure 2.4-1** below, the Census Tracts with 50% or more of their area within the 1/2-Mile Study Area are Brooklyn 1214, 1208.02, 1208.03, and 1220 and Queens 62.02 and 58.

Figure 2.4-1: Open Space Study Area Census Tracts



Existing Condition

Based on the 2020 Decennial Census Data, the study area had a population of 29,192 residents. According to the Project-Level DCP Housing Database, 14 permits were completed within the Study Area since January 1, 2020. As shown in **Table 2.4-1** below, an increment of 565 dwelling units were introduced into the 1/2-Mile Study Area as a result of the completed DOB permits since January 1, 2020. The 565 dwelling units multiplied by the average household size (3.11) for Queens Community District 10 (2020 Decennial Census Data) comes out to 1,757 additional residents. In total, there would be 30,949 existing residents in the 1/2-Mile Study Area.

Table 2.4-1: Completed Construction Projects in 1/2-Mile Study Area Since 2020

Address	CT #	Job Type	Completion Year	Permit Year	Initial DU	Proposed DU	Net DU
1387 Stanley Ave	BK 1220	New Building	2022	2007	0	3	3
842 Euclid Ave	BK 1220	Alteration	2022	2017	2	3	1
714 Wortman Ave	BK 1220	New Building	2020	2017	0	2	2
2858 Linden Blvd	BK 1220	New Building	2021	2018	0	235	235
573 Emerald St	BK 1220	New Building	2023	2021	0	160	160
781 Fountain Ave	BK 1220	New Building	2022	2021	0	7	7
583 Emerald St	BK 1220	New Building	2023	2022	0	154	154
1435 Blake Ave	BK 1208.03	Demolition	2021	2021	1	0	-1
1435 Blake Ave	BK 1208.03	New Building	2023	2021	0	3	3
1437 Blake Ave	BK 1208.03	New Building	2023	2021	0	3	3
994 Crescent St	BK 1220	Demolition	2021	2021	1	0	-1
151-05 82 St	QN 62.02	Alteration	2020	2019	2	2	0
77-09 Dumont Ave	QN 62.02	Demolition	2021	2021	1	0	-1
91-55 Gold Rd	QN 58	Alteration	2022	2021	2	2	0
				Total	**9**	**574**	**565**

No-Action Condition

No residential development would occur in the future without the Proposed Actions within the Affected Area. There are 3 active construction permits with 314 proposed new dwelling units within the open space study area. Using the average household size figure of 3.11 residents per household within Queens Community District 10 per 2020 Decennial Census, the No-Action Condition would have 977 new residents introduced by the 3 active construction projects to the study area by the build year.

Meanwhile, it should be noted that there is an active ongoing rezoning project at 78-08 Linden Boulevard (Block 11384, Lot 1; CEQR Number: 24DCP123Q) directly on the northern boundary of the Affected Area, which is currently under the Uniform Land Use Review Procedure (ULURP) process. The 78-08 Linden Boulevard Rezoning project would rezone Block 11384, Lot 1 from an R4/C1-2 zoning district to R7D/C2-4 and R6A zoning districts. The R7D/C2-4 district would cover the northern portion of the lot, and the R6A district would be mapped on the southern portion of the lot. A zoning text amendment is also proposed pursuant to Appendix F to map a Mandatory Inclusionary Housing (MIH) area over the lot. In addition, it is proposed that a restrictive declaration recorded against the lot would be canceled in connection with a

prior rezoning action. With the approval of the proposed zoning actions, it is expected that, in the worst-case scenario, a 260,272 GSF mixed-use building would be constructed on Block 11384, Lot 1, containing 248,174 GSF of residential floor area for 292 dwelling units on all building floors and 12,108 GSF of commercial (local retail) uses. For a more conservative analysis result, this adjacent rezoning is also included in the analysis. Accordingly, using the average household size figure of 3.11 residents per household within Queens Community District 10, this active rezoning would introduce 908 new residents to the study area by the build year.

The No-Action population would therefore be the existing population of 30,949 residents plus the 977 new residents introduced by the active construction permit projects and the 908 new residents introduced by the adjacent active rezoning project, for a total no-action population of 32,834 residents.

With-Action Condition

Assuming an average occupancy of 3.11 persons based on the average household size within Queens Community District 10 (2020 Decennial Census), the incremental population introduced by the Proposed Actions would be approximately 840 residents. The With-Action population would be the No-Action population described above plus the 840 residents anticipated as a result of the Proposed Actions. The With-Action population would be 33,674 residents as shown below in **Table 2.4-2**.

Table 2.4-2: Existing, No-Action, and With-Action Populations

Existing	No-Action	With-Action
30,949	32,834	33,674

2.4.3 Open Space Resources

There are 10 open space resources with regular open access to the public within the study area identified in **Table 2.4-3**. There are 154.10 acres of open space resources in the Study Area—25.40 are considered active and 128.70 are considered passive. The location of these resources is shown in **Figure 2.4-2**.

Existing Condition

The Study Area has 154.10 acres of open space and an existing residential population of 30,949. The open space ratio (OSR) under existing conditions is 4.98 acres per thousand residents.

No-Action Condition

In the future without the Proposed Actions, the population for the Study Area in the 2028 build year is forecasted to be 32,834 and would be served by the same 154.10 acres of open space as in the existing condition. With this population, the OSR would be 4.69.

With-Action Condition

The Proposed Actions would result in an increase in the No-Action population by 840 residents by the 2028 build year. The total 2028 build year With-Action population would be 33,674. With this increase in population, the OSR would be 4.58 acres per 1,000 residents, or a 2.49 percent reduction from the No-Action OSR.

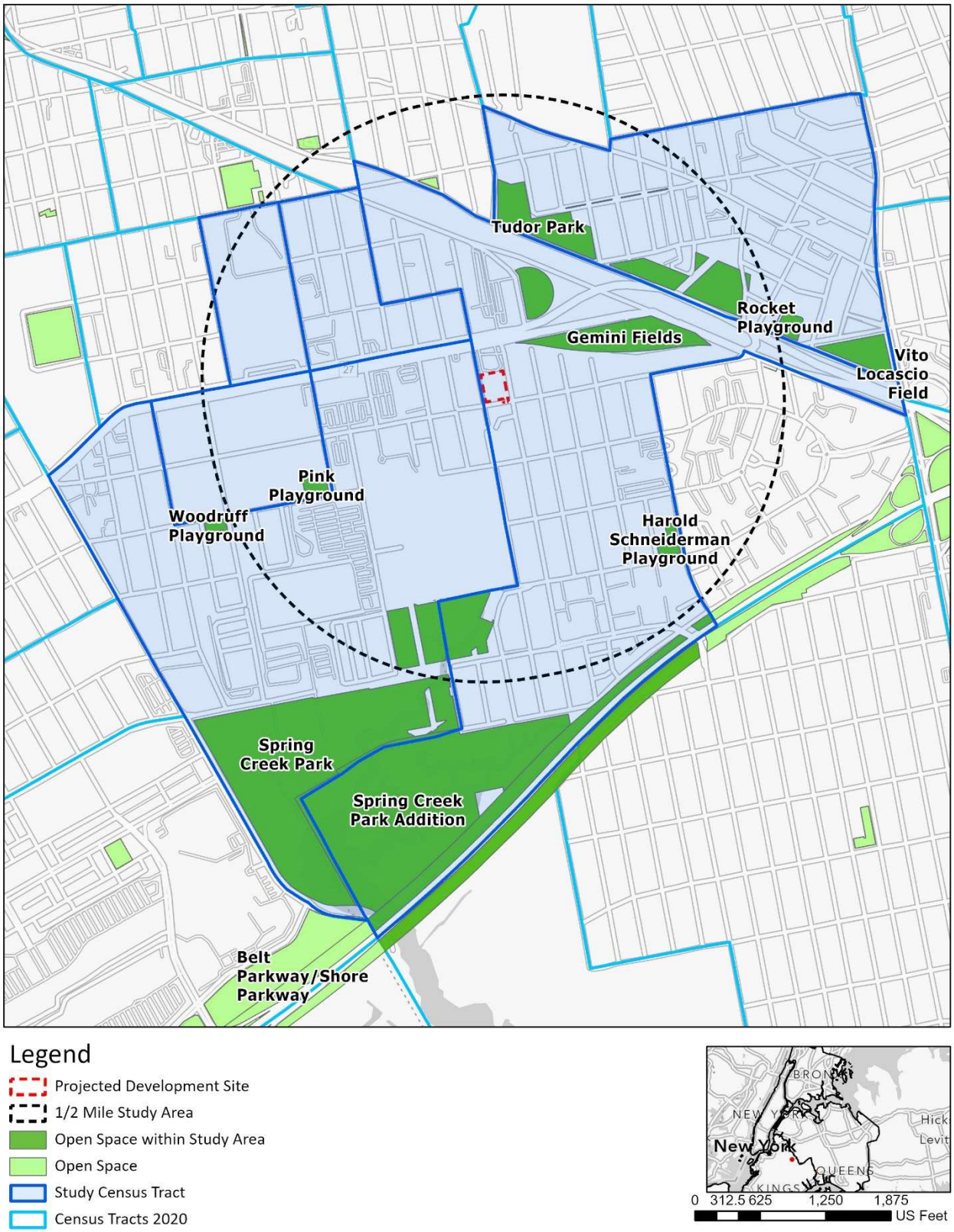
Table 2.4-3: Open Space Resources

Name	Park ID Number	Property Type	Ownership	Acreage	% Active	% Passive	Total Active	Total Passive	Features
Tudor Park	Q094	Community Park	DPR	13.54	65%	35%	8.80	4.74	BF, BC, CF, HC, PG, SS
Pink Playground	B309	Playground	DPR/NYCHA	1.00	85%	15%	0.85	0.15	BC, HC, PG, PR, SS
Harold Schneiderman Playground	Q408	Jointly Operated Playground	DPR/DOE	0.88	80%	20%	0.70	0.18	BC, HC, PG, PR, SS
Spring Creek Park	B165	Park Group	DPR	54.96	0%	100%	0	54.96	CF, HT, PR
Vito Locascio Field	Q095	Recreation Field/Courts	DPR	3.26	95%	5%	3.10	0.16	BF, PR
Belt Parkway/Shore Parkway*	B166	Parkway	DPR/DOT	17.67	0%	100%	0	17.67	PK
Woodruff Playground	B312	Jointly Operated Playground	DPR/DOE	0.54	65%	35%	0.35	0.19	BC, HC, PG
Rocket Playground	Q414	Jointly Operated Playground	DPR/DOE	1.05	80%	20%	0.84	0.21	BC, FE, HC, PG
Spring Creek Park Addition	Q165	Park Group	DPR	50.44	0%	100%	0	50.44	CF, HT, PR
Gemini Fields	Q094D	Recreation Field/Courts	DPR	10.76	100%	0%	10.76	0	BF, HRT
			Total	154.10	16%	84%	25.40	128.70	

BF = Baseball Fields, BC = Basketball Courts, CF = Cricket Fields, HC = Handball Courts, HRT = Horseback Riding Trails, HT = Hiking Trails, PK = Parkways, PG = Playgrounds, PR = Public Restrooms, SS = Spray Showers

* Only the portion within the Study Area of these large parks is accounted for in the acreage.

Figure 2.4-2: Open Space Location in Study Area



Walk-to-a-Park Service Area Assessment

New York City, as part of the OneNYC 2050 Building a Strong and Fair City plan, has put forth a goal for 85 percent of New York City residents living within walking distance of a park by 2030. To help the City reach this goal, DPR has a Walk-to-a-Park initiative that focuses on increasing access to parks and open space in areas of the City where residents live further than walking distance to a park. Areas outside of Walk-to-a-Park Service Areas are considered "walk gaps" – i.e., areas of the city that are not within walking distance to a park.

Per the *2021 CEQR Technical Manual*, part of the preliminary assessment for open space, a project should be reviewed to determine if it is located in an area of the city within a Walk-to-a-Park Service Area. Project sites that are located outside of a Walk-to-a-Park Service Area (i.e., located in a known walk gap areas) suggests there is a need for a detailed analysis to be performed to determine if the project may further exacerbate a condition of residents living in areas of the city with inadequate park access, potentially leading to a significant impact. While the focus of the Walk-to-a-Park initiative is on residents living within walking distance to a park, projects that create a non-residential population (e.g., new workers) should also review if the project is located within a known walk gap and assess if the project would generate a new non-residential population within areas of the City with inadequate access to open space resources. As per the *2021 CEQR Technical Manual*, when determining if a detailed open space assessment is warranted, the preliminary assessment should include a discussion of the project site's proximity to nearby regional parks, or other substantial open space resources located within or just outside the 1/2-mile study area boundary.

As shown below in **Figure 2.4-3**, the Projected Development Site is located within a Walk-to-a-Park Service Area.

2.4.4 Conclusion

Pursuant to the *2021 CEQR Technical Manual*, projects expected to result in a decrease in the open space ratio should consider the following to determine if a more detailed analysis is warranted:

- Projects in study areas where the open space ratio approaches or exceeds the City's planning goal of 2.5 acres per 1,000 residents, may generally tolerate up to a five percent decrease of the open space ratio before considering the need for more detailed analysis.
- For projects in study areas where the open space ratio is not near the City's planning goal of 2.5 acres per 1,000 residents, the percentage decrease in open space ratio is weighed against how the open space ratio of the study area compares to the City's planning goal for open space. Table 7-1 of the CEQR Technical Manual (**Table 2.4-5** below) provides general guidelines for ranges of open space ratios and acceptable percentage changes.
- Projects that have an effect on a nonresidential population's use of passive open space would not follow the guidelines presented in the table below and should consider the need for a detailed assessment based on a comparison of the open space ratio to the optimal ratio of 0.15 acres of passive space per 1,000 nonresidents. Projects that lead to the non-residential open space ratio dropping below the optimal ratio of 0.15 acres of passive open space per 1,000 non-residents may warrant a more detailed assessment.

As an optimal planning goal, the City tries to achieve an overall residential OSR of 2.5 acres per 1,000 population (80 percent active and 20 percent passive) for large-scale plans and proposals. However, this goal is often not feasible for many areas of the city (especially higher density areas) but serves as a benchmark that represents an area that is well served by open spaces. As 1.5 acres of total open space per 1,000 residents is the median community district ratio in New York City, it generally represents adequate open space conditions and is used as the CEQR standard for this project.

The open space resources that exist within the study area are sufficient in meeting the community's open space needs according to the City's guidelines for the provision of open space. According to the With-Action Condition calculation above, the OSR would be 4.58 acres per 1,000 residents in the future with the Proposed Actions, which is well above the City's planning goal of 2.5 acres per 1,000 residents and the Citywide median of 1.5 acres per 1,000 residents. In addition, the study area has an acceptable mixture of recreational facilities, with approximately 16 percent dedicated to active uses and 84 percent dedicated to passive use as indicated in **Table 2.4-3** above. Per the inspection reports conducted by DPR, the overall conditions of the open spaces within the study area are clean and acceptable.

As shown in **Table 2.4-5** below, an area with an OSR of 2.50 or greater can tolerate up to a 5 percent decrease in the OSR between the Future No-Action and Future With-Action Condition without warranting additional analyses. As indicated in **Table 2.4-4**, the area has a relatively high OSR of 4.58 acres per 1,000 residents under the With-Action Condition, and the OSR decrease induced by the Proposed Actions would be 2.49 percent compared to the No-Action Condition, which is lower than the CEQR threshold for areas with an OSR of 2.50 or greater. In addition, the Projected Development Site is located within a Walk-to-a-Park Service Area and is therefore not identified as a walk gap area. Accordingly, the Proposed Actions would not warrant a detailed analysis of open space. Therefore, no significant adverse impacts on open space would occur as a result of the Proposed Actions.

Table 2.4-4: Existing, No-Action and With-Action Open Space Ratios

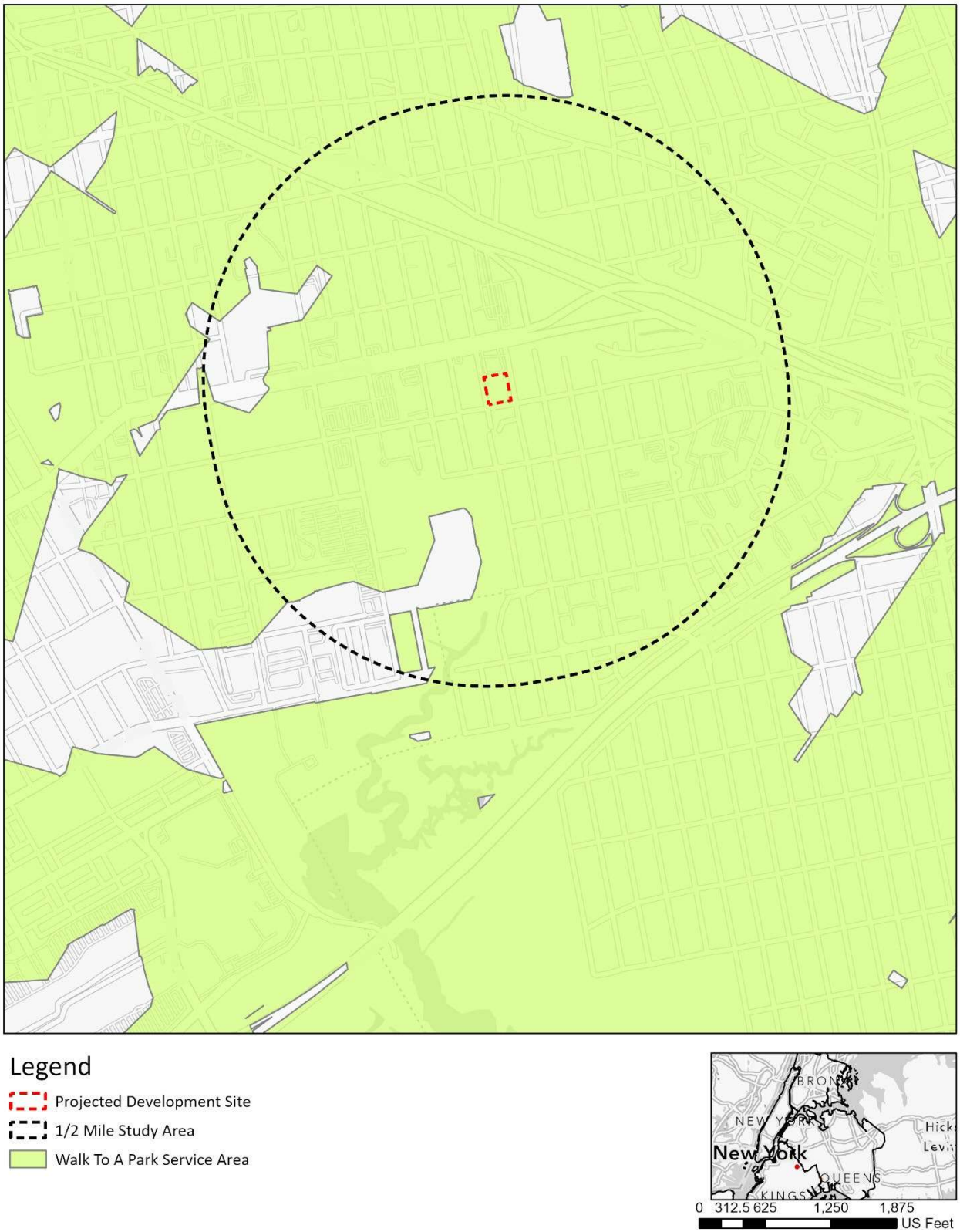
	Residential Total	Residential Active	Residential Passive
Existing OSR	4.98	0.82	4.16
No Action OSR	4.69	0.77	3.92
With Action OSR	4.58	0.75	3.82
% Change (No-Action vs With-Action)	2.49%	2.49%	2.49%

Table 2.4-5: Preliminary Assessment Guidance for Percentage Change in Open Space Ratio

Open Space Ratio Range	Percentage Change in Open Space Ratio
2.01 to 2.50* or greater	5%
1.51 to 2.00	4%
1.01 to 1.50	3%
0.51 to 1.00	2%
0.50 or Less	1%
*2.5 OSR is the planning goal in NYC	

Source: Table 7-1 of the 2021 CEQR Technical Manual

Figure 2.4-3: Walk to Park Service Area



2.5 Shadows

The *2021 CEQR Technical Manual* defines a shadow as the condition that results when a building or other built structure blocks the sunlight that would otherwise directly reach a certain area, space, or feature. An incremental shadow is the additional or new shadow that a building or other built structure resulting from a proposed project would cast on a sunlight-sensitive resource during the year. The sunlight-sensitive resources of concern are those resources that depend on sunlight or for which direct sunlight is necessary to maintain the resource's usability or architectural integrity, including public open space, architectural resources, and natural resources. Shadows can have impacts on publicly accessible open spaces or natural features by adversely affecting their use and important landscaping and vegetation. In general, increases in shadow coverage make parks feel darker and colder, affecting the experience of park patrons. Shadows can also have impacts on historic resources whose features are sunlight-sensitive, such as stained-glass windows, by obscuring the features or details, which make the resources significant.

The duration and dimensions of shadows are determined by the geographic location of the area from which the shadow is cast and the time of day and season. Shadows cast during the morning and evening, when the sun is low in the sky, are longer, while midday shadows are shorter in length. Shadows in winter, when the sun arcs low across the southern sky, are also longer throughout the day than at corresponding times in spring and fall seasons. In summer, the high arc of the sun casts shorter shadows than at any other time of year, and early and late shadows during the summer are cast towards the south than shadows cast in early and late winter months.

The *CEQR Technical Manual* states that a shadow assessment considers projects that result in new shadows long enough to reach a sunlight-sensitive resource. Therefore, a shadow assessment is warranted only if the project would either result in (a) new structures (or additions to existing structures including the addition of rooftop mechanical equipment) of 50 feet or more; or (b) be located adjacent to, or across the street from, a sunlight-sensitive resource. However, a project located adjacent to or across the street from a sunlight-sensitive open space resource (which is not a designated New York City Landmark or listed on the State/National Registers of Historic Places, or eligible for these programs) may not require a detailed shadow assessment if the project's height increase is ten feet or less.

The sunlight-sensitive resources of concern are those resources that depend on sunlight or for which direct sunlight is necessary to maintain the resource's usability or architectural integrity, including public open space, architectural resources and natural resources. In general, shadows on city streets and sidewalks or on other buildings are not considered significant. Some open spaces also contain facilities that are not sensitive to sunlight. These are usually paved such as handball or basketball courts, contain no seating areas and no vegetation, no unusual or historic plantings, or contain only unusual or historic plantings that are shade tolerant. These types of facilities do not need to be analyzed for shadow impacts. Additionally, it is generally not necessary to assess resources located to the south of projected development site, as shadows cast by the action-generated development would not be cast in the direction of these resources. Furthermore, shadows occurring within one and one-half hour of sunrise or sunset generally are not considered significant in accordance with the *CEQR Technical Manual*.

Methodology

A preliminary analysis of shadows follows the guidelines set forth in Chapter 8, Section 310 of *the 2021 CEQR Technical Manual*. According to the *2021 CEQR Technical Manual*, a preliminary shadow assessment includes the development of a base map showing the site location in relation to any sunlight-sensitive resources. Following these guidelines, the longest shadow study area is determined, and a Tier 1 screening assessment is conducted to determine if any sunlight-sensitive resources fall within the study area. If no resources are found, no further analysis will be needed. If sunlight-sensitive resources lie within the longest shadow study area, the next tier of screening assessment should be conducted. This preliminary assessment includes a basic description of the proposed project that would be facilitated by the Proposed Actions, in order to determine whether a more detailed assessment would be appropriate.

A shadows assessment is warranted as the Proposed Actions would result in new structures of 50 feet or more and are located adjacent to a sunlight-sensitive resource.

2.5.1 Tier 1 Screening Assessment

The shadow assessment begins with a preliminary screening assessment to determine whether a project's shadow may reach any sunlight-sensitive resources at any time of the year. If the screening assessment does not eliminate this possibility, a detailed shadow analysis may be warranted to determine the extent and duration of the net incremental shadow resulting from the project. The effects of shadows on a sunlight-sensitive resource are site-specific; therefore, as directed in the *2021 CEQR Technical Manual*, the screening assessment was performed for the relevant project site and projected development site to determine whether they fall within the range of maximum possible shadow cast on potential sunlight sensitive resources as described above. To determine this, a Tier 1 Screening Assessment was performed in accordance with the *2021 CEQR Technical Manual*.

According to the *2021 CEQR Technical Manual*, the longest shadow that a structure will cast in New York City, except for periods close to dawn or dusk, is 4.3 times its height. The maximum shadow radius for the With-Action condition (451.5 feet) was determined using a maximum building height of 105 feet (including the building height of 95 feet plus a 10-foot rooftop bulkhead).

A base map was prepared (refer to **Figure 2.5-1**) for the Projected Development Site, which identifies all potentially sunlight-sensitive resources within the maximum shadow radius. As shown in **Figure 2.5-1**, within the longest shadow study area, there is one potentially sunlight-sensitive public open space resource as defined by the *2021 CEQR Technical Manual*. Therefore, further screening was warranted to determine whether these resources could be affected by project-generated shadows.

2.5.2 Tier 2 Screening Assessment

The *CEQR Technical Manual* states that if any portion of a sunlight-sensitive resource lies within the longest shadow study area, a Tier 2 screening assessment should be performed. Because of the path the sun travels across the sky in the northern hemisphere, no shadow can be cast in a triangular area south of any given project site. In New York City, this area lies between -108 and +108 degrees from true north. For a Tier 2 screening assessment, sunlight-sensitive resources within the triangular area cannot be shaded by new development sites and are screened out. The complementing portion to the north within the longest shadow study area is the area that can be shaded by the proposed project.

As shown in **Figure 2.5-2** below, there is one sunlight-sensitive public open space resource (Gemini Fields) that warrants further assessment based on the Tier 2 screening assessment. Accordingly, a Tier 3 shadows assessment was prepared.

2.5.3 Tier 3 Screening Assessment

The *2021 CEQR Technical Manual* states that if any portion of a sunlight-sensitive resource is within the area that could be shaded by the proposed project, a Tier 3 screening assessment should be performed. Because the sun rises in the east and travels across the southern part of the sky to set in the west, a project's earliest shadows would be cast almost directly westward. Throughout the day, they would shift clockwise (moving northwest, then north, then northeast) until sunset, when they would fall east. Therefore, a project's earliest shadow on a sunlight-sensitive resource would occur in a similar pattern, depending on the location of the resource in relation to the project site. For a Tier 3 screening assessment, if the assessment determines that no shadows from the development would reach any of the sunlight-sensitive resources on any of the representative analysis days then no further assessment for those days is needed. If, however, in the absence of intervening buildings shadows from the proposed buildings would reach sunlight-sensitive resources on any of the representative analysis days then a detailed shadow analysis would be warranted for those days.

As shown in **Figure 2.5-3** to **Figure 2.5-6** below, based on the Tier 3 screening assessment, the potential for new incremental shadows to be cast on Gemini Fields, could be ruled out, as the incremental shadows will not fall on the sunlight-sensitive resource for any representative analysis day. Therefore, a detailed shadows analysis is not warranted for this sunlight-sensitive public open space resource and the Proposed Actions would not result in any significant adverse shadow impacts.

2.5.4 Conclusion

As discussed above, the shadows from the Projected Development Site would not reach the sunlight sensitive resource, Gemini Fields on any of the representative analysis days. Therefore, no significant adverse impacts on sunlight sensitive resources would occur as a result of the Proposed Actions and no further analysis is warranted.

Figure 2.5-1: Tier 1 Shadow Assessment



Figure 2.5-2: Tier 2 Shadow Assessment



Figure 2.5-3: Tier 3 Shadow Screening December 21st (Winter Solstice)



Figure 2.5-4: Tier 3 Shadow Screening March 21st/September 21st (Vernal and Autumnal Equinox)



Figure 2.5-5: Tier 3 Shadow Screening May 6th/August 6th



Figure 2.5-6: Tier 3 Shadow Screening June 21st (Summer Solstice)



2.6 Historic and Cultural Resources

An assessment of historic and cultural resources is usually necessary for projects that are located in close proximity to historic or landmark structures or districts, or for projects that require in-ground disturbance, unless such disturbance occurs in an area that has been formerly excavated, according to the *2021 CEQR Technical Manual*.

The term "historic resources" defines districts, buildings, structures, sites, and objects of historical, aesthetic, cultural, architectural and archaeological importance. In assessing both historic and cultural resources, the findings of the appropriate city, state, and federal agencies are consulted. Historic resources include the New York City Landmarks Preservation Commission (LPC) designated landmarks, interior landmarks, scenic landmarks, and historic districts; locations being considered for landmark status by the LPC; properties/districts listed on, or formally determined eligible for, inclusion on the State and/or National Register (S/NR) of Historic Places; locations recommended by the New York State Board for Listings on the State and/or National Register of Historic Places and National Historic Landmarks.

Methodology

Archaeological and architectural resources usually need to be assessed for projects that would result in any in-ground disturbance. In-ground disturbance is any disturbance to an area not previously excavated, including new excavation that is deeper and/or wider than previous excavation on the same site.

For projects that may affect historic or cultural resources, the first step in evaluating a project's potential effects on historic resources is to consider what area the project might affect and then identify historic resources—whether officially recognized or eligible for such recognition—within that area. The area of subsurface work for the proposed project is considered the impact area for archaeological resources, while the study area for architectural resources is the area in which any resources may be affected by the project, which is defined by the radius of 400 feet from the borders of the project site.

After the study areas have been established, all known archaeological and architectural resources within the study areas are identified, and the potential for unknown resources is investigated. It is recommended that lead agencies and applicants contact LPC for archaeological and architectural resources review. Based on the report from LPC, if any listed historic or cultural resources are located in the study areas, then further analysis of the project's impact on these resources must be performed. The proposed project's effects on any designated or potential archaeological and architectural resources are then analyzed under Existing, No-Action, and With-Action conditions. The assessment specifically considers whether the project may result in the disturbance or destruction of those archaeological and architectural resources as a result of the Proposed Actions.

2.6.1 Architectural Resources

Per *2021 CEQR Technical Manual* guidelines, impacts on historic resources are considered on those sites affected by the proposed action(s) and in the area surrounding identified development sites. The historic resources study area is defined as an approximately 400-foot radius around the Affected Area. According to the *2021 CEQR Technical Manual*, significant adverse impacts to historic and cultural resources could potentially result if a proposed action affects those characteristics that make a resource eligible for LPC

designation or S/NR listing. This section assesses the potential for the Proposed Actions to result in significant adverse impacts on identified historic and cultural resources.

The LPC was contacted for their initial review of the project's potential to impact nearby historic and cultural resources. In a letter dated September 26th, 2024, LPC indicated that the study area does not contain any buildings of known architectural significance (see **Appendix B**). Therefore, significant adverse impacts to architectural resources are not expected because of the Proposed Actions, and further analysis is not warranted.

2.6.2 Archaeological Resources

Unlike the architectural evaluation of a study area that extends beyond a project's property lines, the analysis of potential and/or projected impacts to archaeological resources is limited to the actual extent of soil disturbance. Archaeological resources are physical remains, usually subsurface, of the prehistoric and historic periods such as burials, foundations, artifacts, wells, and privies. The *2021 CEQR Technical Manual* requires a detailed evaluation of a project's potential effect on the archeological resources if it would potentially result in an in-ground disturbance to an area not previously excavated. The project would result in an in-ground disturbance to develop the proposed residential building. As noted, the LPC was contacted for their initial review of the project's potential to impact nearby historic and cultural resources, and a response was received on September 26th, 2024 (see **Appendix B**). The LPC has indicated that no archaeological significance is associated with the Affected Area. Therefore, no significant adverse impacts on archaeological resources would occur because of the Proposed Actions, and further analysis is not warranted.

Conclusion

The project would require in-ground disturbance to develop the proposed residential building with a cellar for parking. LPC was contacted for their initial review of the proposed project's potential to impact historic and cultural resources on or near the Affected Area. In a letter dated September 26th, 2024, LPC indicated that the study area does not contain any sites or buildings of known architectural or archaeological significance (see **Appendix B**). Therefore, the Proposed Actions would not result in significant adverse impacts to historic resources.

2.7 Urban Design and Visual Resources

According to the *2021 CEQR Technical Manual*, urban design is the totality of components that may affect a pedestrian's experience of public space. Elements that play an important role in the pedestrian's experience include streets, buildings, visual resources, open space, and natural features, as well as wind as it relates to channelization and downwash pressure from tall buildings.

Pursuant to the *2021 CEQR Technical Manual*, an assessment of Urban Design may be warranted when a Proposed Action may affect one or more of the elements that contribute to the pedestrian experience of an area, specifically the arrangement, appearance, and functionality of the built environment. Since the Proposed Actions would result in an increase in bulk and building height in the proposed R6 zoning district, which is beyond what is allowed as-of-right in the underlying R5 zoning district, an analysis on Urban Design and Visual Resources is warranted for the Proposed Actions.

As stated in the *2021 CEQR Technical Manual*, the Study Area for urban design is the area where the project may influence land use patterns and the built environment and is generally consistent with the Study Area used for the land use analysis (i.e., 400 feet around the Affected Area). For visual resources, existing publicly accessible view corridors within the Study Area should be identified. The purpose of the preliminary assessment is to determine whether any physical changes proposed by a project may raise the potential to significantly and adversely affect elements of urban design, which would warrant the need for a detailed urban design and visual resources assessment.

2.7.1 Urban Design

This analysis focuses on the components of the Projected Development Site facilitated by the Proposed Actions that may have the potential to alter the arrangement, appearance, and functionality of the built environment. The analysis relies on drawings, maps, renderings, photographs and photo montages taken from the pedestrian eye level.

Chapter 10 of the *2021 CEQR Technical Manual* provides guidance to assess whether and how a project might change the experience of a pedestrian in the project area. More precisely, this section is concerned with "the arrangement, appearance, and functionality of the built environment." The With-Action Condition under RWCDS would include a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building on the Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45).

An analysis of the potential impacts on Urban Design and Visual Resources requires consideration of the degree to which a project would result in a change to the built environment's arrangement, appearance, or functionality and whether the change would negatively affect a pedestrian's experience of the area. One important consideration is a project's context, such as the scale and use of surrounding buildings. However, matching context is not necessarily the sole benchmark for measuring urban design impacts.

Photographic evaluation of the project area as well as a photomontage with project massing is provided to illustrate the built form of the Projected Development Site in context of surrounding conditions. A narrative describing the existing built environment and the Projected Development Site's relationship to

the 400-foot Study Area in the No-Action and With-Action Conditions is included as part of this technical section.

Existing Conditions

Affected Area

The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west. Linden Boulevard (part of New York State Route 27) is a 170-foot-wide, west-east principal arterial road with six moving lanes of traffic (three westbound lanes and three eastbound lanes separated by a median strip) and two local service roads. To the immediate north of Block 11384 is one of the two local service roads for the highway, which is a 70-foot-wide west-to-east one-way road with a single moving lane of traffic and curbside parking. 79th Street is an 80-foot-wide south-to-north one-way local road with two moving lanes of traffic and curbside parking. 149th Avenue is a 70-foot-wide west-to-east one-way local road with a single moving lane of traffic and curbside parking. Sapphire Street is a 60-foot-wide north-to-south one-way local road with a single moving lane of traffic and curbside parking. Both Sapphire Street and 149th Avenue are dilapidated roads where they are adjacent to the Affected Area, with broken asphalt and overgrown weeds encroaching on the roadway.

The Projected Development Site includes Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before the construction starts. Combined, the twelve lots consist of approximately 55,173 square feet, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse. Lots 37, 38, 39, 40, 42, and 45 are rectangular interior lots with frontage on Sapphire Street; Lot 34 is a rectangular corner lot with frontages on Sapphire Street and 149th Avenue; Lots 29 and 32 are rectangular interior lots with frontage on 149th Avenue; Lot 28 is an irregular-shaped interior lot with frontage on 149th Avenue; Lot 24 is an irregular-shaped corner lot with frontage on 79th Street and 149th Avenue, and its southern lot boundary is mapped into the 149th Avenue roadway; and Lot 15 is an 80-foot-long interior lot with frontage on 79th Street that runs across the eastern edge of the block, with a lot depth of 35 feet at its deepest point. In summary, the Projected Development Site is largely vacant or used for the open storage of materials or vehicles, which is not compatible with the surrounding area that is predominantly residential and commercial.

The Affected Area currently falls within a 0.2-percent annual chance flood hazard zone, also known as a 500-year flood zone, which is considered a moderate-risk area. The Affected Area is low-lying with high water table and lack of comprehensive stormwater and sanitary sewer infrastructure, which contribute to year-round flooding, even on sunny days. In addition, the roads and sidewalks on Sapphire Street and 149th Avenue adjacent to the Projected Development Site are dilapidated with broken asphalt and overgrown weeds, which are not well connected to the local networks due to the adjacent wide busy 8-lane Linden Boulevard with dangerous crossings. Overall, the pedestrian experience in the existing conditions near the Affected Area is unpleasant due to a lack of sidewalks, accessibility issues, and flooding issues.

400-Foot Study Area

The *CEQR Technical Manual* suggests that the Study Area should extend 400 feet from the Affected Area (See **Figure 2.7-1**), which is roughly bounded by 151st Avenue to the south, 80th Street to the east, Linden Boulevard to the north, and Emerald Street to the west.

Existing land uses in the 400-foot Study Area primarily consist of a mix of residential buildings, commercial structures, and vacant lands. The residential buildings mainly consist of detached and semi-detached one- to two-family buildings and multi-family walk-up buildings of three dwelling units, with a building height ranging from one story to three stories. Intersected with the 400-foot area boundary, one 12-story, 194,901 GSF mixed residential and commercial building of 234 dwelling units and two 8-story elevator apartment buildings of 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) respectively are located on Block 4496, which is two blocks to the west of the Affected Area and was facilitated by Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017. The commercial structures are mainly 1-story local retail store buildings located within the C1-2 and C2-4 commercial overlays along the southern side of Linden Boulevard to the north of the Affected Area. Commercial uses in the area include a diner (Lindenwood Diner), a pharmacy (Walgreens), a liquor store (Lindenwood Cut Rate Liquors), a Chinese restaurant (Jade Linden), and a gym (Planet Fitness). A significant portion of the lots in the surrounding area are vacant, including nine lots within the Affected Area and several more on blocks to the west, south, and north of the Affected Area.

The traffic grid in the Study Area is irregular, due to the area's adjacency to the Linden Boulevard (a roadway with a width of approximately 170 feet). Both Sapphire Street and 149th Avenue are dilapidated roads where they are adjacent to the Affected Area, with broken asphalt and overgrown weeds encroaching on the roadway. Meanwhile, flooding is a critical concern for many residents and is connected to other issues in the Study Area. While originally planned as a residential neighborhood, the lack of sewer infrastructure makes it costly to maintain or construct a home. Currently, most streets in the Study Area contain open industrial uses or overgrown, vacant lots. And though wild plants grow tall along street edges, industrial uses and septic tank leaks have contaminated the land and groundwater.

Pedestrians have few sidewalks or crosswalks, and it is typical to see tractor trailers, RVs and other abandoned vehicles stored on the street. While the adjacent wide, busy Linden Boulevard (an eight-lane major commercial roadway) provide important connections outside of the neighborhood, it also creates barriers due to its width and dangerous crossings.

No-Action Condition

Affected Area

The No-Action Condition for the Affected Area would be the same as the existing conditions. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Redevelopment on the Projected Development Site is not feasible given the low density (1.00 FAR for residential uses and 2.00 FAR for community facility uses) permitted within the underlying R4 zoning district. Infrastructure improvements would also be required due to sewer capacity and flooding issues in

the immediate area, and the costs associated with these improvements would make any development at this scale economically infeasible.

In addition, there are no records of building work permits submitted by the Applicant within the Affected Area. Therefore, it is conservatively assumed that under the No-Action Condition, existing conditions would continue on the Projected Development Site.

400-Foot Study Area

There are no active construction permits or proposed rezonings identified within the 400-foot Study Area. In the future without the Proposed Actions, development in the Study Area would continue to be governed by the underlying R4 zoning regulations. As a result, the existing conditions would remain in the No-Action Condition, which features a mix of residential buildings, commercial structures, and vacant lands.

With-Action Condition

Affected Area

In the future with the Proposed Actions, the Affected Area would be rezoned from an R4 zoning district to an R6A zoning district, which would permit the construction of residential uses with a larger bulk and a higher building height. The Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. For the purposes of Early Childhood Programs analysis, 20% of residential floor area (55 units) is assumed to be affordable at or below 80% AMI. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street. The cellar level would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents.

With regard to flood resiliency, the proposed building would be raised above the flood plain including the mechanical spaces. The ground floor would be used as parking and storage and would have a wet-floodproofed permeable ground floor along with an exterior gabion wall system. The proposed building would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors. The proposed landscaping would further enhance the streetscape condition as a 10- to 15-foot setback is proposed around all three frontages with plantings, including a variety of trees and bushes native to the area. Street trees would be planted within a 10-foot-wide sidewalk around all three frontages. A covered lobby entrance would also contribute to the streetscape mitigation elements. Should the street grade be raised by DOT, the proposed building would be able to accommodate it. The ground floor would be treated as a soft story with the building set back

from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. With regard to stormwater runoff, the proposed building would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

400-Foot Study Area

In the future with the Proposed Actions, the existing conditions would remain in the 400-foot Study Area except for the Projected Development Site, which would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead) residential building. There are no active construction permits or other proposed rezonings identified within the 400-foot Study Area.

As detailed above, the proposed improvements on the Projected Development Site would benefit the 400-foot Study Area with better connected sidewalk network, repaved roadways, improved flooding condition with landscaping and controlled stormwater runoff.

Analysis

To determine how the Proposed Actions may affect urban design relative to the No-Action Condition, the assessment describes the Projected Development Site in terms of how the Proposed Actions would affect the 400-foot Study Area's defining elements of urban design.

The Affected Area is located in the Lindenwood neighborhood of Queens Community District 10, containing Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Vacant and under-utilized parcels are relatively common in the Study Area as shown in **Figure 2.7-2** to **Figure 2.7-5**. The With-Action Massing Views (**Figure 2.7-6** to **Figure 2.7-9**) show the continuation of the built environment under the With-Action Condition.

In the future with the Proposed Actions, the Projected Development Site would have a maximum permitted FAR of 3.90 for residential uses. Meanwhile within the proposed R6A zoning district, the Projected Development Site would have a maximum permitted base height of 65 feet before a required setback of 10 feet along a wide street (75 feet or more in width) or 15 feet along a narrow street (less than 75 feet in width), and a maximum permitted building height of 95 feet with a qualifying ground floor and inclusionary housing units. Because of the Affected Area's adjacency to an R4 zoning district, the provisions of ZR 23-693 would apply, requiring that portions of any building in the proposed R6A district be limited in height to 45 feet tall within 25 feet from the adjacent R4 district, which would help form a smooth transition from the low-density to medium-density residential areas.

The Proposed Actions would result in a structure taller than the other buildings on Block 3230, however, they would not be incompatible with the existing buildings in the area. As described above, the 400-foot Study Area contains residential buildings of varying sizes, including low-rise detached and semi-detached one- to two-family buildings and multi-family walk-up buildings of three dwelling units, with a building height ranging from one story to three stories, as well as mid-rise multi-family buildings with similar bulk compared to what would be permitted within the proposed R6A zoning district. Intersected with the 400-

foot area boundary, one 12-story, 194,901 GSF mixed residential and commercial building of 234 dwelling units and two 8-story elevator apartment buildings of 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) respectively are located on Block 4496, which is two blocks to the west of the Affected Area and was facilitated by Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017. With a maximum 3.90 residential FAR at 9 stories or 95-foot roof height (105-foot total building height inclusive of an additional 10 feet for bulkhead), the building on the Projected Development Site as effectuated by the Proposed Actions would not be out of character for the Study Area in terms of height and FAR.

Compared to the No-Action Condition, the With-Action Condition would provide infill development of long underutilized parcels in the neighborhood. A significant portion of the Projected Development Site is currently vacant and unimproved, which is ideally suited near a major corridor (Linden Boulevard) to support residential growth for the neighborhood. Linden Boulevard is an unusually wide street, at 170 feet, and is a major thoroughfare with a wide range of building heights and a diverse mix of uses, which is considered suitable for redevelopment of residential uses at a higher density. The proposed infill development on a mostly vacant Projected Development Site with residential uses would also create a more consistent pedestrian experience extending from the mid-rise residential buildings to the west. Therefore, the Proposed Actions would not be out of character for the neighborhood.

With regard to flood resiliency, the With-Action Condition would see significant improvement as the proposed building would be raised above the flood plain including the mechanical spaces. The ground floor would be used as parking and storage and would have a wet-floodproofed permeable ground floor along with an exterior gabion wall system. The ground floor would be treated as a soft story with the building set back from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. The Proposed Actions would also help remediate the widespread flooding issue in a larger area. As part of the Proposed Development, the proposed building would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule. All these measurements would reduce the stormwater runoff on the public streets and prevent the long-lasting flooding issue.

In addition, the Proposed Actions would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors.

As a result, the pedestrian experience would be greatly enhanced due to the improved flooding issue, better connected sidewalks, freshly paved roadways, and upgraded landscaping.

Conclusion

As described above, the context of built form within the 400-foot Study Area mainly consists of a mix of residential buildings, commercial structures, and vacant lands. The residential buildings are built in varying sizes, including low-rise detached and semi-detached one- to two-family buildings and multi-family walk-up buildings of three dwelling units, with a building height ranging from one story to three stories, as well as mid-rise multi-family buildings with similar bulk compared to what would be permitted within the

proposed R6A zoning district. Intersected with the 400-foot area boundary, one 12-story, 194,901 GSF mixed residential and commercial building of 234 dwelling units and two 8-story elevator apartment buildings of 171,145 GSF (160 dwelling units) and 146,150 GSF (156 dwelling units) respectively are located on Block 4496, which is two blocks to the west of the Affected Area and was facilitated by Linden Boulevard Rezoning (C170430ZMK, N170431ZRK) in 2017. Accordingly, the building on the Projected Development Site as effectuated by the Proposed Actions would not be out of character for the Study Area in terms of height and FAR. In addition, the proposed infill developments on a mostly vacant Projected Development Site along major roads with residential and commercial uses could create a more consistent pedestrian experience extending from the mid-rise residential buildings on the west.

In addition, the Proposed Development on the Projected Development Site would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, implement streetscape treatment with new planting and paved sidewalks and roadways, which would significantly improve the pedestrian experiences within the Study Area.

In summary, the proposed uses (residential), bulk (3.90 FAR for residential uses), and building height (105-foot total building height inclusive of an additional 10 feet for bulkhead) on the Projected Development Site within the proposed R6A zoning district would not be out of character with the built context within the 400-foot Study Area. Meanwhile, the pedestrian experience would be greatly enhanced due to the improved flooding issue, better connected sidewalks, freshly paved roadways, and upgraded landscaping. Thus, the Proposed Actions would not result in significant adverse impacts on urban design, and no further analysis is warranted.

2.7.2 Visual Resources

As per Chapter 10 of the *2021 CEQR Technical Manual*, a visual resource is the connection from the public realm to significant natural or built features, including views of the waterfront, public parks, landmark structures or districts, otherwise distinct buildings or groups of buildings, or natural resources. As defined by the *2021 CEQR Technical Manual*, there are no visual resources or natural features identified in the 400-foot Study Area.

In the future with the Proposed Actions, the Projected Development Site (Applicant-owned Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would be developed with a 9-story plus cellar, 95-foot-tall (105-foot total building height inclusive of an additional 10 feet for bulkhead) residential building. The existing street grid would not be changed with the Proposed Actions as the proposed building would be constructed on existing blocks and lots. The Projected Development Site would fit within the currently built context.

Conclusion

As analyzed above, no visual resources were identified in the Study Area. In addition, the Proposed Actions would facilitate the development of a 95-foot-tall (105-foot total building height inclusive of an additional 10 feet for bulkhead) residential building on the Projected Development Site on existing blocks and lots, which would not change the existing street grid, and thus would not obstruct any view corridor if any. Therefore, the Proposed Actions would not have any significant adverse impacts on visual resources within the 400-foot Study Area, and no further analysis is warranted.

2.7.3 Urban Design and Visual Resources Conclusion

As analyzed above, the proposed 95-foot-tall (105-foot total building height inclusive of an additional 10 feet for bulkhead) residential building on the Projected Development Site would not adversely impact any of the constituent urban design elements or impact the overall character of the neighborhood. It would not significantly change the pedestrian experience, nor would it disturb the vitality, walkability, or the visual character of the area. Therefore, no significant adverse impacts would occur on the urban design or visual resources, and no further analysis is warranted.

Figure 2.7-1: Urban Design Study Area and Photo Montage Location

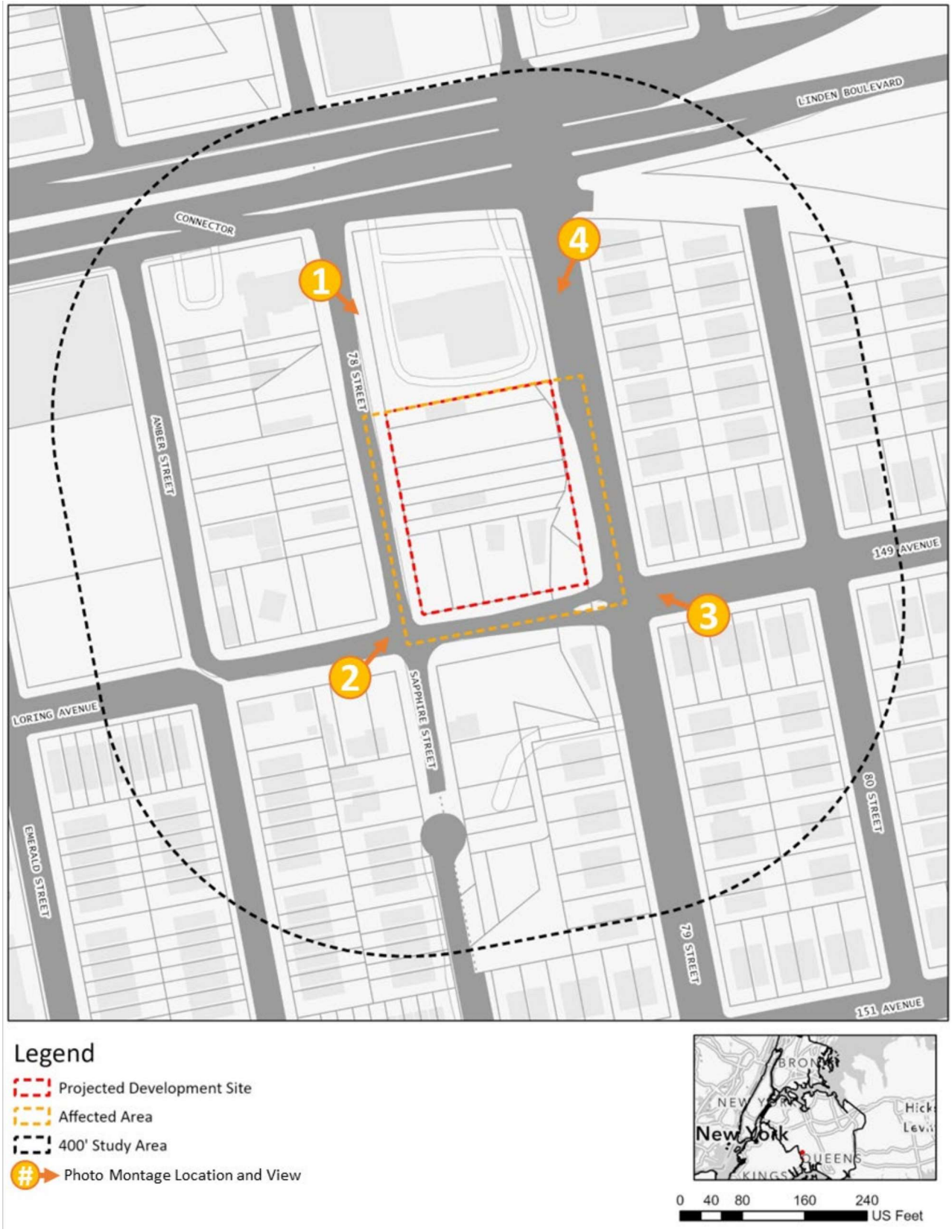


Figure 2.7-2: Existing and No-Action Massing View 1



Figure 2.7-3: Existing and No-Action Massing View 2



Figure 2.7-4: Existing and No-Action Massing View 3



Figure 2.7-5: Existing and No-Action Massing View 4



Figure 2.7-6: With-Action Massing View 1

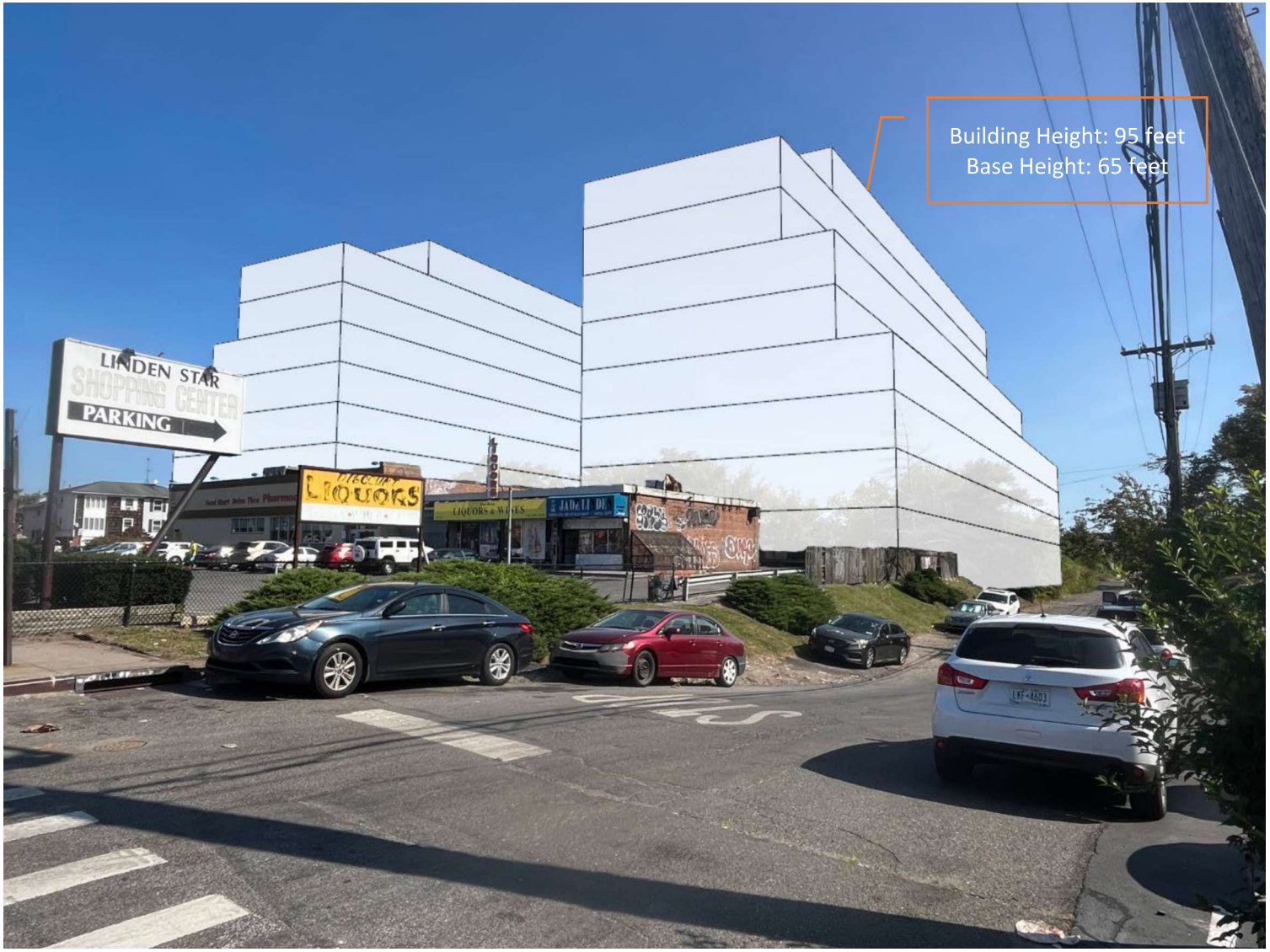


Figure 2.7-7: With-Action Massing View 2



Figure 2.7-8: With-Action Massing View 3



Figure 2.7-9: With-Action Massing View 4



2.8 Hazardous Materials

Per the *2021 CEQR Technical Manual*, a hazardous material is any substance that poses a threat to human health or the environment. Substances that can be of concern include, but are not limited to, heavy metals, volatile and semi- volatile organic compounds (VOCs and SVOCs), methane, polychlorinated biphenyls (PCBs), and hazardous wastes (defined as substances that are chemically reactive, ignitable, corrosive, or toxic). Per the *2021 CEQR Technical Manual*, the potential for significant impacts from hazardous materials can occur when: a) hazardous materials exist on a site; and b) action would increase pathways to their exposure; or c) an action would introduce new activities or processes using hazardous materials.

Pursuant to *2021 CEQR Technical Manual* methodology, actions that would result in ground disturbance in an area where current or past uses on or near the site raise the potential for the presence of hazardous materials should be assessed for hazardous materials.

Methodology

The hazardous materials assessment generally begins with a Phase I Environmental Site Assessment (ESA), which is a qualitative evaluation of the environmental conditions present at a site, based on a review of available information site observations, and interviews. Pursuant to the *2021 CEQR Technical Manual*, the Phase I ESA is conducted in accordance with the standards established by the current ASTM Phase I ESA Standard and includes research and field observations to determine whether the site may contain contamination from either past or present activities on the site or as a result of activities on adjacent or nearby properties. If a potential REC is identified during this assessment, then building any subsurface investigations are usually conducted as part of a Phase II ESA to confirm the presence and extent of the contamination.

Introduction

The Affected Area is located within an R4 zoning district, which would be rezoned to R6A under the Proposed Actions. The Applicant is seeking the Proposed Actions in order to develop a new 6-story plus cellar, 68-foot-2-inch-tall, 217,433 GSF (156,431 ZSF, 2.84 FAR) residential building on the Applicant-owned Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) with a combined lot area of approximately 55,173 square feet. The Proposed Project would consist of approximately 41,212 GSF of parking at the cellar level and 176,221 GSF (156,431 ZSF, 2.84 FAR) of residential uses above grade. The Proposed Project would provide 234 dwelling units, 25% (59 units) of which are permanently income restricted at an average of 60% AMI as the Applicant intends to pursue MIH Option 1. A below-grade off-street parking garage would contain 117 residential accessory vehicular parking spaces.

Under the With-Action Condition of RWCDS, the Projected Development Site would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant

to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces.

2.8.1 Phase I Environmental Site Assessment

Conditions at the Projected Development Site resulting from previous and existing uses and those in surrounding areas were determined from a review of a Phase I ESA prepared by GZA GeoEnvironmental, Inc. (GZA) in October 2024. The Phase I ESA was performed in general conformance with the guidelines described in American Society for Testing and Materials (ASTM) *International's Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-21). The purpose of this Phase I ESA is to determine whether any type of hazardous substance or petroleum product exists within or adjacent to the property in question. Environmental hazards would include, but not be limited to, hazardous/toxic wastes or raw chemicals stored, dumped, or spilled on the site, underground and above ground storage of petroleum or hazardous materials; and identification of potential off-site sources of hazardous waste contamination, such as industrial facilities adjacent to the subject property.

Projected Development Site (Applicant-owned Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) consists of approximately 55,173 square feet and is located within the Lindenwood neighborhood of Queens Community District 10.

Scope of Work

The Phase I ESA conducted at Projected Development Site was in general accordance with ASTM Standard E 1527-21 and included the following:

- Site and vicinity reconnaissance;
- Description of current site operations;
- Historical source review and description of historical site conditions;
- Interviews with owners, operators, and/or occupants of the Site, and/or local officials, as applicable;
- Review of environmental databases and regulatory agency records;
- Review of previous environmental reports/documentation, as applicable;
- Review of environmental liens, if provided or authorized to be obtained by the user; and
- Preparation of a report summarizing findings, opinions, and conclusions

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. No additions to the ASTM E 1527-21 standard were made.

Standard Environmental Records Sources

GZA conducted a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum

search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-21 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the Projected Development Site.

The database search is a tool to identify various environmental situations and/or activities within the required radius of the subject property. Many of these databases will only acknowledge the presence of a specific item on a property such as an underground storage tank or a dry cleaner. They do not determine the potential impact to the to the subject property and cannot consider natural and man-made impediments that would limit or prevent the migration of contaminants from on site to another. Other databases provide sufficient knowledge to determine if there was an incident and what the severity of that incident was. For example, the majority of items within the LTANKS (leaking tanks) and/or HIST LTANKS (historic leaking tanks) deal with tank test failure's that have de minimus releases or small enough quantity releases that are addressed by the owner/operator and do not migrate beyond the location of the tank.

Findings of the Phase I ESA

Recognized Environmental Conditions (RECs) are defined as the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release, past release, or a material threat of a release into structures on the property or into the ground, groundwater or surface waters of the property. Historic RECs (HRECs) are RECs previously remediated to government standards. Controlled RECs (CRECs) are RECs in which some form or institutional or engineering control has been implemented to contain the REC. De Minimis Conditions are those that do not present a threat to health or the environment and would not be the subject of an enforcement action by a government agency. A Data Gap is a lack of or inability to obtain information required by E1527-21 despite good faith efforts by the Environmental Professional to gather such information. Business Environmental Risks (BERs) are risks which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily limited to those environmental issues required to be investigated under ASTM E1527-21. All RECs, data gap, and BER are discussed below. The Phase I ESA has revealed the following environmental conditions:

- **RECs** – In GZA's opinion, the Phase I ESA revealed evidence of several RECs in connection with the Projected Development Site.
    - Oil stains were observed on the east side of the asphalt parking area on Lot 24.
    - Suspected gasoline stains were observed beneath the generator on the east side of the Projected Development Site on Lots 39 and 40.
    - Stained soil was observed around the first hydraulic oil drum storage area near the center of Lot 42.
    - Staining was observed around the second hydraulic oil drum storage area in the northeastern corner of Lot 42.
    - Staining was observed near a suspected open container of gasoline in the northwestern portion of Lot 42.

- There were numerous open containers of oil and dumped/tipped drums observed on Lots 39, 40, and 42.

- **HRECs** – GZA found no HRECs associated with the property.
- **CRECs** – GZA found no CRECs associated with the property.
- **De Minimis Conditions** – GZA found no VECs associated with the property.
- **Data Gap** - In GZA's opinion, the Phase I ESA revealed three data gaps that affected the ability to identify RECs, CRECs, or HRECs at the Projected Development Site.
    - At the time of the GZA's site reconnaissance, the yellow storage container in the northwestern portion of Lot 42 was inaccessible.
    - Lots 32, 34, and 45 were inaccessible at the time of the GZA's site reconnaissance.
    - A few areas on Lots 39, 40, and 42 were inaccessible due to unsafe conditions or being blocked off by heavy machinery/debris.
- **BERs** - In GZA's opinion, the Phase I ESA revealed several Business Environmental Risks that could have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate at the Projected Development Site.
    - Potential Vapor Encroachment Conditions (VECs) of concern to the Projected Development Site have been identified. Based on their distance from the Projected Development Site, description provided, closed regulatory status, or the anticipated hydrogeologic gradient, it is GZA's opinion that the listed sites in the Third-Party Database Report, including spills and staining on the Projected Development Site, historical hazardous waste sites, offsite spills, and historic gasoline service stations are potential VECs of concern to the Projected Development Site.
    - General upkeep of the Projected Development Site and the amount of improperly stored petroleum products increases the potential for unseen RECs not identified above.
    - Several stockpiles of solid waste were observed between Lots 39, 40, and 42.
    - Two unidentified metal covers were on the east side of Lot 38.

Based on the findings of Phase I ESA, a Phase II ESA is required.

2.8.2 Assessment

It is anticipated that Phase II ESA testing will require site investigative work in multiple locations on the Projected Development Site. As discussed above, the Projected Development Site is currently occupied by two residential buildings and storage for construction vehicles/equipment. The portion of the site that is utilized for construction vehicles/equipment storage is leased to a private tenant and access to the site for Phase II testing would not be permitted by the current lease agreement. It should be noted that the construction vehicles/equipment storage portion of the Projected Development Site is currently fully utilized to store trucks, containers, and plenty of heavy-duty, large-scale construction machines designed for earthmoving, excavation, lifting, and material handling, and the only open area on the site is a drive-

through area. Phase II ESA requires multiple borings (typically 2-3) deep into the ground to capture subsurface conditions for the entire property, with a rig powerful enough to penetrate pavement. It should be noted these rigs are large enough to disturb vehicle parking, construction equipment storage, and drive through access. Generally, these tests take approximately a half-day to complete, with some additional time to patch the borings. Given the invasive nature of boring with a large rig, a significant part of the site would need to be emptied, which is impractical as there are no other places to store the vehicles and equipment for such a short period of time.

As such, Phase II ESA testing is infeasible at this time and an (E) Designation is required to undertake the Phase II ESA testing once the Projected Development Site is vacated following approval of the Proposed Actions. The (E) Designation that would be assigned to the Projected Development Site for a Phase II ESA Investigation Protocol/Work Plan, the potential for a significant adverse impact on human health and the environment regarding hazardous materials resulting from the Proposed Actions would be avoided. The (E) Designation provides the impetus to identify and address environmental conditions so that the significant adverse impacts would be avoided, with the New York City Department of Environmental Remediation (OER) providing regulatory oversight for the environmental investigation and remediation during the development process. Building permits are not issued by the DOB without prior OER approval of the investigation and/or remediation pursuant to the provisions of Section 11-15 of the Zoning Resolution of the City of New York. The text of the hazardous materials (E) Designation (E-908) for Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 would be as follows:

E-908 Requirements

Task 1-Sampling Protocol

The Applicant submits to OER, for review and approval, a Phase I ESA of the site along with a soil, groundwater and soil vapor testing protocol, including a description of methods and a site map with all sampling locations clearly and precisely represented. If site sampling is necessary, no sampling should begin until written approval of a protocol is received from OER. The number and location of samples should be selected to adequately characterize the site, specific sources of suspected contamination (i.e., petroleum-based contamination and non-petroleum-based contamination), and the remainder of the site's condition. The characterization should be complete enough to determine what remediation strategy (if any) is necessary after review of sampling data. Guidelines and criteria for selecting sampling locations and collecting samples are provided by OER upon request.

Task 2-Remediation Determination and Protocol

A written report with findings and a summary of the data must be submitted to OER after completion of the testing phase and laboratory analysis for review and approval. After receiving such results, a determination is made by OER if the results indicate that remediation is necessary. If OER determines that no remediation is necessary, written notice shall be given by OER.

If remediation is indicated from test results, a proposed remediation plan must be submitted to OER for review and approval. The applicant must complete such remediation as determined necessary by OER. The Applicant should then provide proper documentation that the work has been satisfactorily completed.

A construction-related health and safety plan should be submitted to OER and would be implemented during excavation and construction activities to protect workers and the community from potentially significant adverse impacts associated with contaminated soil, groundwater and/or soil vapor. This plan would be submitted to OER prior to implementation.

2.8.3 Conclusion

With the (E) Designation described above in place, no significant adverse impacts related to hazardous materials would occur, and no further analysis is warranted.

2.9 Water and Sewer Infrastructure

This section assesses the potential impacts of the Proposed Actions on the City's water supply, wastewater treatment, and stormwater management infrastructure. This analysis is made in accordance with the guidance set forth in the *2021 CEQR Technical Manual*.

According to the *2021 CEQR Technical Manual,* a preliminary water supply infrastructure analysis is needed if the project would result in an exceptionally large demand for water (e.g., more than one mgd), or is located in an area that experiences low water pressure (i.e., areas at the end of the water supply distribution system such as the Rockaway Peninsula or Coney Island). As the Projected Development Site is not located in an area that experiences low water pressure and the Proposed Actions would not result in an incremental water demand exceeding one mgd, a detailed analysis is not warranted. However, the Proposed Actions' total water demand is calculated for purposes of determining the sewage generated by the proposed development.

A preliminary sewer assessment is warranted if a project exceeds 400 residential units or 150,000 sf of commercial/public and/or institution/community facility use in a combined sewer area in Queens; 100 residential units or 100,000 sf of commercial/public and/or institution/community facility uses in a separately sewered area zoned R6A (i.e., zoning districts noted in Table 13-1 of the *2021 CEQR Technical Manual* as "all remaining zoning designations, including commercial, manufacturing and mixed-use districts"); if a project would involve development on a site one acre or larger in certain specific drainage areas where the amount of impervious surface would increase; or if a project would involve construction of a new stormwater outfall that requires federal and/or state permits.

The Projected Development Site is located between a combined sewered area and a separate sewered area[10]. It is the Applicant's intent to hook up into the separate sewer system instead of the combined sewer system. Separate storm sewer systems collect and send sanitary sewage to Wastewater Resource Recovery Facilities (WRRFs), while stormwater is sent untreated through separate sewers and outfalls into the nearest waterway. Per the RWCDS, the Proposed Actions would result in an increment of 270 residential units in the proposed R6A zoning district, which exceeds the threshold of 100 incremental residential units in a separately sewered area zoned R6A. In addition, the Projected Development Site is located within the Jamaica Bay Watershed, and the Proposed Development involves the development of a new 9-story plus cellar, 95-foot-tall, 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building on an approximately 1.27-acre Projected Development Site, which would result in a net increase of impervious surface area. Therefore, a preliminary sewer assessment is warranted and is provided in this chapter.

2.9.1 Existing Conditions

Water Supply and Demand

New York City's water supply system is comprised of three watersheds – Croton, Delaware, and Catskill – which extend as far north as the Catskill Mountains and deliver on average approximately 1.1 billion gallons of water per day to customers in the five boroughs and Westchester County. From these

[10] Municipal Separate Storm Sewer System platform of New York City Department of Environmental Protection (DEP), https://nycdep.maps.arcgis.com/apps/webappviewer/index.html?id=81c926d182454388869ff135ef603c60

watersheds, potable water is conveyed to the City via a system of reservoirs, aqueducts, and tunnels. Within the City, a grid of water pipes distributes water to customers.

Water demand is a function of the land uses on the Projected Development Site. Currently, the Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) consists of approximately 55,173 sf, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse. As shown in **Table 2.9-1** below, the existing land uses on the Projected Development Site generate a total water demand of 1,095 gallons per day.

Table 2.9-1: Existing Water Demand

Land Use	Water Consumption & Wastewater Generation Rates[1]	Persons or Area (gsf)[2]	Domestic Water/Wastewater Generation (gpd)	Air Conditioning (gpd)
Residential	100 gpd/person	9	933	0
Warehouse (using Commercial Office as an equivalent)	Domestic: 0.10 gpd/sf	600	60	102
	A/C: 0.17 gpd/sf			
		Total Water Demand	1,095	

1. Consumption rates obtained from the *2021 CEQR Technical Manual* Table 13-2, "Water Usage and Sewage Generation Rates for Use in Impact Assessment," unless otherwise noted.
2. The number of residents is calculated by multiplying the average household size of 3.11 persons per household within Queens Community District 10 (2020 Decennial Census) with the existing total of 3 residential units.

Wastewater Generation and Treatment

The Proposed Development on the Projected Development Site would hook up into the separate sewer system where only sanitary sewage flows to a wastewater treatment plant and the stormwater is sent untreated through separate sewers and outfalls into the nearest waterway. Wastewater from the Proposed Development is anticipated to be treated at the Jamaica Wastewater Resource Recovery Facility (WRRF), where wastewater is fully treated by physical and biological processes before it is discharged as effluent into the natural waterbody. The quality of effluent is regulated by a State Pollutant Discharge Elimination System (SPDES) permit issued by the New York State Department of Environmental Conservation, which establishes limits for effluent parameters (i.e., suspended solids, fecal coliform bacteria, and other pollutants). Since the volume of flow to a WRRF affects the level of treatment a plant can provide, the SPDES permit also establishes a maximum permitted capacity. For the Jamaica WRRF, the maximum permitted capacity is 100 million gallon per day (mgd). As indicated in **Table 2.9-2**, the average monthly flow to the Jamaica WRRF over the past twelve months is approximately 73 mgd, well below the permitted level of 100 mgd.

As described above, the Projected Development Site is currently improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home on Lot 29; a 2-story, 952 GSF (0.23 FAR) two-family home on Lot 38; and a 2-story, 600 GSF (0.15 FAR) warehouse on Lot 45. For analysis purposes, the amount of sanitary sewage is estimated as all water demand generated by the proposed land uses except for air conditioning, which typically is not discharged into the sewer system. As indicated in **Table 2.9-1** above, the Projected

Development Site is expected to generate approximately 993 gpd of sanitary sewage (1,095 gallons of water demand minus 102 gallons of air conditioning water from warehouse uses).

Table 2.9-2: Monthly Flows at Jamaica WRRF in Past 12 Months

Month	Average Flow (mgd)
August 2024	78
September 2024	73
October 2024	69
November 2024	71
December 2024	76
January 2025	69
February 2025	73
March 2025	74
April 2025	72
May 2025	74
June 2025	73
July 2025	74
Annual Average	***73***

Source: DEP "Monthly Operating Efficiency" table

Stormwater Drainage and Management

In the existing conditions, the combined lot area of the Projected Development Site is approximately 55,173 SF, which includes approximately 40,944 SF of unpaved land covered with grass, 9,486 SF of paved land, and 4,743 SF of roof. As shown in **Table 2.9-3**, the Projected Development Site has a weighted runoff coefficient (the fraction of precipitation that becomes surface runoff for each surface type) of 0.38.

Table 2.9-3: Surface Types on Projected Development Site, Existing Conditions

Surface Type	Roof	Pavement & Walkways	Grass & Softscape	Total
Area (%)	9	17	74	100
Surface Area (sf)	4,743	9,486	40,944	55,173
Runoff Coefficient[1]	1.00	0.85	0.20	0.38

Note: [1] Runoff coefficients for each surface type from DEP.

Standard New York City Department of Environmental Protection (DEP) runoff coefficients were used to calculate the amount of stormwater runoff during a range of storm events, with rainfall averaging from 0.0 to 2.5 inches over durations of 3.8 to 19.5 hours. **Table 2.9-4** shows the existing stormwater runoff generation for the existing conditions on the Projected Development Site. As indicated in the table, for storm events with up to 2.5 inches of rainfall, the Projected Development Site could generate up to 0.03 million gallons of stormwater. Depending on rainfall intensity, during storm events with up to 2.5 inches of rainfall, the stormwater flows generated range from 0.00 to 0.001 mg.

Table 2.9-4: Existing Combined Stormwater and Wastewater Generation

Rainfall (inches)	Duration (hours)	Total Area (acres)	Weighted Runoff Coefficient	Stormwater Runoff to CSS (MG)	Sanitary to CSS (MG)	Total Volume to CSS (MG)
0.00	3.80	1.27	0.38	0.00	0.00	0.000
0.40	3.80	1.27	0.38	0.01	0.00	0.000
1.20	11.30	1.27	0.38	0.02	0.00	0.000
2.50	19.50	1.27	0.38	0.03	0.00	0.001

2.9.2 Future No-Action Condition

In the future without the Proposed Actions, it is anticipated that the Proposed Project would not be constructed, and the Projected Development Site would continue to remain as the existing conditions. Under existing conditions, the Projected Development Site would generate a total water demand of 1,095 gallons per day and a total wastewater for treatment of 993 gallons per day. During storm events, stormwater generated on the Projected Development Site under the No-Action Condition would total approximately 0.00 to 0.001 mg, depending on rainfall intensity.

2.9.3 Future With-Action Condition

In the future with the Proposed Actions, the Projected Development Site would be developed with a new 9-story plus cellar, 95-foot-tall, 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit).

Water Supply and Demand

The Proposed Actions would generate increased demand on the DEP water supply system, as compared to the No-Action Condition. As indicated in **Table 2.9-5**, the Proposed Project would generate a total water demand of approximately 84,903 gpd from the proposed residential building, which would result in a net incremental of 83,808 gpd compared to the No-Action Condition (1,095 gpd as shown in **Table 2.9-1**). This incremental water demand would represent a very small portion of the over one billion gallons of water supplied daily to New York City by DEP.

Table 2.9-5: With-Action Water Demand

Land Use	Water Consumption & Wastewater Generation Rates[1]	Persons[2]	Domestic Water/Wastewater Generation (gpd)	Air Conditioning (gpd)
Residential	100 gpd/person	849	84,903	0
		Total Water Demand	84,903	

1. Consumption rates obtained from the *2021 CEQR Technical Manual* Table 13-2, "Water Usage and Sewage Generation Rates for Use in Impact Assessment," unless otherwise noted.
2. The number of residents is calculated by multiplying the average household size of 3.11 persons per household within Queens Community District 10 (2020 Decennial Census) with the existing total of 273 residential units.

Wastewater Generation and Treatment

In the future with the Proposed Actions, wastewater from the Projected Development Site would be treated by the Jamaica WRRF. The capacity of the plant would not change as a result of the Proposed Actions, and the facility would continue to operate within its SPDES-permitted capacity of 100 mgd.

For analysis purposes, the amount of sanitary sewage is estimated as all water demand generated by the proposed land uses except for air conditioning, which typically is not discharged into the sewer system. As indicated above, the Projected Development Site is expected to generate approximately 84,903 gpd of sanitary sewage in the With-Action Condition, which would result in a net increment of approximately 83,910 gpd of sanitary sewage compared to the No-Action Condition (993 gpd).

With an existing average dry-weather monthly flow to the Jamaica WRRF of 73 mgd and the addition 83,910 gpd, the plant would continue to have ample reserve capacity. Pursuant to *2021 CEQR Technical Manual* guidelines, as the demand associated with the Proposed Actions would be well within the capacity of the affected treatment plant, no significant adverse impacts to the City's wastewater treatment services would occur as a result of the Proposed Actions.

Stormwater Drainage and Management

In the future with the Proposed Actions, it is anticipated that the amount of surface area comprised of roof and pavement/walkways would increase over the No-Action Condition as the current underutilized and vacant lot would be developed with the proposed residential building. As indicated in **Table 2.9-6**, it is anticipated that roof area would comprise approximately 88 percent of the Projected Development Site's surface area, while pavement and driveway area would comprise the remaining 12 percent. As a result of these anticipated surface area changes, the weighted runoff coefficient for Projected Development Site is expected to increase over the No-Action Condition. As also indicated in **Table 2.9-6**, the Projected Development Site is expected to have a weighted runoff coefficient of 0.98 under the With-Action Condition.

Table 2.9-6: Surface Types on Projected Development Site, With-Action Condition

Surface Type	Roof	Pavement & Walkways	Grass & Softscape	Total
Area (%)	88	12	0	100
Surface Area (sf)	48,628	6,545	0	55,173
Runoff Coefficient[1]	1.00	0.85	0.20	0.98

Notes: [1]Runoff coefficients for each surface type as per the DEP.

Due to the increased stormwater and wastewater flows generated on the Projected Site in the future with the Proposed Actions, the total volume to the sewer system would increase. As indicated in **Table 2.9-7**, the Projected Development Site is expected to generate an increment between 0.013 and 0.069 mg of wet weather flows for different rainfall intensities.

Table 2.9-7: With-Action Combined Stormwater and Wastewater Generation

Rainfall (inches)	Duration (hours)	Total Area (acres)	Weighted Runoff Coefficient	Stormwater Runoff to CSS (MG)	Sanitary to CSS (MG)	Total Volume to CSS (MG)
0.00	3.80	1.27	0.98	0.00	0.08	0.013
0.40	3.80	1.27	0.98	0.01	0.08	0.013
1.20	11.30	1.27	0.98	0.04	0.08	0.040
2.50	19.50	1.27	0.98	0.08	0.08	0.069

Self-certification of house or site connection proposals in not permitted by the New York City Department of Building (DOB) or DEP in connection with any proposed new developments of expansions of existing development, as per the Rules of the RCNY, Title 15, Chapter 31, "Rules Governing House/Site Connections to the Sewer System." To be issued a permit to connect to a City sewer, an applicant proposing a new development or expansion of an existing development is required to submit a site-specific hydraulic analysis to DEP for review and approval. The site-specific hydraulic analysis would establish the adequacy of the existing combined sewer system that would serve the development lots. In 2012, DEP amended Chapter 31 of Title 15 of the RCNY to modify the flow rate of stormwater to the City's combined sewer system for new and existing development, as part of sewer availability and connection approvals. The amended rule was promulgated on January 4, 2012, and went into effect on July 4, 2012. Per the amended Chapter 31, for a new development, the stormwater release rate is the greater of 0.25 cfs or ten percent of the allowable flow, unless the allowable flow is less than 0.25 cfs, in which case the stormwater release rate is the allowable flow. This release rate is consistent with policies set forth in PlaNYC and the 2010 NYC Green Infrastructure Plan. Any future development on the Projected Development Site would be required to achieve this new flow rate. As noted above, to be issued a permit to connect to the City's sewer, development on the Projected Development Site would be required to submit a site-specific hydraulic analysis to DEP for review and approval. Based on this site-specific hydraulic analysis, incorporation of a variety of Best Management Practices (BMPs) may be required at the time of the house or site connection proposal to ensure adherence to the maximum permitted stormwater release rate. While the specific BMPs to be used are not known at this time, BMPs that may be utilized could include green roofs, blue roofs, subsurface detention, infiltration, or a combination of these green technologies, as outlined in the NYC Green Infrastructure Plan. These green technologies would retain or release stormwater with slowed discharge rates to control peak runoff rates. Trees planted per New York City's street tree requirement would also be utilized to capture and store water below enhanced tree pits. The design of water detention systems would be submitted to DEP for review and approval. Through the site connection process, DEP would ensure that the necessary stormwater BMPs were implemented (as warranted) and reduce the increase in untreated stormwater flows. these green technologies, as outlined in the NYC Green Infrastructure Plan. These green technologies would retain or release stormwater with slowed discharge rates to control peak runoff rates. Trees planted per New York City's street tree requirement could also be utilized to capture and store water below enhanced tree pits. The design of water detention systems would be submitted to DEP for review and approval. Through the site connection

process, DEP would ensure that the necessary stormwater BMPs were implemented (as warranted) and reduce the increase in untreated stormwater flows.

2.9.4 Conclusion

Based on the analysis presented above, it is concluded that the Proposed Actions would not result in significant adverse impacts to wastewater and/or stormwater conveyance and treatment infrastructure.

2.10 Transportation

Pursuant to *2021 CEQR Technical Manual* methodology, a transportation assessment may be necessary when a proposed action would alter the transportation network by closing, opening, or realigning an element of the transportation system such as a roadway, pedestrian way, or transit route, or if it would generate new trips on the transportation network. The objective of the transportation analyses is to determine whether a proposed project may have a potential significant impact on traffic operations and mobility, public transportation facilities and services, pedestrian elements and flow, safety of all roadway users (pedestrians, bicyclists and vehicles), on- and off-street parking, or goods movement.

2.10.1 Preliminary Assessment

Future No-Action Condition

The No-Action Condition for the Affected Area would be the same as the existing conditions. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Future With-Action Condition

Pursuant to the Proposed Actions, the Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces.

In total, there would be an addition of 270 incremental dwelling units as a result of the construction of the new residential building on the Projected Development Site.

The Affected Area is within Traffic Zone 4. According to Table 16-1 of the *2021 CEQR Technical Manual*, a residential development of fewer than 200 residential units, 10,000 square feet of local retail, or 15,000 square feet of community facility space, or a weighted average below 1.00 of any of the above, typically does not warrant further assessment of the potential for adverse effects on Transportation. Incremental development under the Proposed Actions, compared to No-Action condition, would consist of 270 more residential dwelling units, exceeding the density threshold of 200 residential units. Therefore, a Tier 1 trip generation is required.

2.10.2 Level 1 Trip Generation

The *2021 CEQR Technical Manual* states that a preliminary trip generation assessment should be prepared to determine whether a quantified analysis of any technical areas of the transportation system is necessary. Except in unusual circumstances, a further quantified analysis would typically not be needed for a technical area if the proposed development would result in fewer than the following increments:

- 50 peak hour vehicle trips;
- 200 peak hour subway/rail or bus transit riders (or 50 bus trips in a single direction on a single route during a peak hour);
- 50 peak hour CWFS Ferry Trips; or
- 200 peak hour pedestrian trips.

The *2021 CEQR Technical Manual* also states that if the traffic threshold is surpassed, a parking assessment may also be warranted.

Transportation Planning Assumptions

As shown below in **Table 2.10-1**, the Level 1 travel demand factors were based on the *2021 CEQR Technical Manual*, the Linden Boulevard Rezoning EAS, and American Community Survey 2015-2019 data for Brooklyn census tracts 1202, 1208 and 1220, as well as Queens census tracts 44.01, 58, 62.01, 62.02, 88, 884 and 892.

Table 2.10-2 and **Table 2.10-3** below show the resulting person trips and vehicular trips, and pedestrian trips generated from the travel demand factors presented in **Table 2.10-1**.

Level 1 Trip Generation Conclusion

The incremental project generated trip ends are summarized in **Table 2.10-4** below.

Traffic

As shown in **Table 2.10-4**, the Proposed Project would generate greater than 50 vehicle trips during the Weekday AM, Midday, PM, and Saturday Midday peak hours. Therefore, a Level 2 screening assessment of vehicular trips during all four peak hours is warranted.

Subway

As shown in **Table 2.10-4**, the Proposed Project would generate fewer than 200 subway trips during all identified peak hours and therefore no further analysis of subway trips is warranted.

Bus

As shown in **Table 2.10-4**, the Proposed Project would generate fewer than 200 bus trips during all identified peak hours and therefore no further analysis of bus trips is warranted.

Pedestrians

As shown in **Table 2.10-4**, the Proposed Project would generate fewer than 200 combined pedestrian trip ends (including pedestrians walking to / from subway stations and bus stops as well as walk-only trips) during all identified peak hours and therefore no further analysis of pedestrian trips is warranted.

Table 2.10-1: Travel Demand Factors

	Residential	
Trip Generation	(1)	
Weekday	8.18	
Saturday	9.08	
	per dwelling unit	
Temporal Distribution	(1)	
AM	9.3%	
MD	5.6%	
PM	8.5%	
Sat MD	8.4%	
Modal Splits	(2)	
Auto	51.6%	
Taxi	1.3%	
Bus	8.5%	
Subway	34.8%	
Walk/Other	3.7%	
In/Out Splits	In (1)	Out (1)
AM	22%	78%
MD	50%	50%
PM	62%	38%
Sat MD	55%	45%
Vehicle Occupancy	(2)(3)	
Auto	1.08	
Taxi	1.30	
Truck Trip Generation	(1)	
Weekday	0.06	
Saturday	0.02	
Temporal Distribution	(1)	
AM	12.0%	
MD	9.0%	
PM	2.0%	
Saturday	9.0%	
In/Out Splits	In (1)	Out (1)
AM/MD/PM/Sat	50.0%	50.0%

1 = 2021 CEQR Technical Manual
2 = ACS 5yr JTW (2015-2019) QN CT# 44.01, 58, 62.01, 62.02, 88, 884, 892 and BK CT# 1202, 1208 and 1220
3 = Linden Boulevard Rezoning EAS, 2017

Table 2.10-2: Total Project Generated Person Trips

	Residential		Total	
Size (gsf)	270 du			
Peak Hour Trips				
AM	205		205	
MD	124		124	
PM	188		188	
Sat MD	206		206	
Person Trips				
AM	In	Out	In	Out
Auto	23	83	23	83
Taxi	1	2	1	2
Bus	4	14	4	14
Subway	16	56	16	56
Walk/Other	2	6	2	6
Total	45	160	45	160
MD	In	Out	In	Out
Auto	32	32	32	32
Taxi	1	1	1	1
Bus	5	5	5	5
Subway	22	22	22	22
Walk/Other	2	2	2	2
Total	62	62	62	62
PM	In	Out	In	Out
Auto	60	37	60	37
Taxi	2	1	2	1
Bus	10	6	10	6
Subway	41	25	41	25
Walk/Other	4	3	4	3
Total	116	71	116	71
Saturday	In	Out	In	Out
Auto	58	48	58	48
Taxi	2	1	2	1
Bus	10	8	10	8
Subway	39	32	39	32
Walk/Other	4	3	4	3
Total	113	93	113	93

Table 2.10-3: Total Project Generated Vehicle Trips

Vehicle Trips				
AM	In	Out	In	Out
Auto	22	77	22	77
Taxi	0	2	0	2
Taxi Balanced	2	2	2	2
Truck	1	1	1	1
Total	25	80	25	80
MD	In	Out	In	Out
Auto	30	30	30	30
Taxi	1	1	1	1
Taxi Balanced	2	2	2	2
Truck	1	1	1	1
Total	33	33	33	33
PM	In	Out	In	Out
Auto	56	34	56	34
Taxi	1	1	1	1
Taxi Balanced	2	2	2	2
Truck	0	0	0	0
Total	58	36	58	36
Saturday	In	Out	In	Out
Auto	54	44	54	44
Taxi	1	1	1	1
Taxi Balanced	2	2	2	2
Truck	1	1	1	1
Total	57	47	57	47

Table 2.10-4: Summary of Project Generated Trip Ends

Peak Hour	AM Peak Hour	Midday Peak Hour	PM Peak Hour	Saturday Peak Hour
Total Walk-Only Trip-Ends	8	5	7	8
Total Subway Trip-Ends	72	43	65	72
Total MTA Bus Trip-Ends	18	11	16	18
Total Pedestrian Trip-Ends	**97**	**58**	**88**	**97**
Total Vehicular Trip-Ends	**105**	**65**	**94**	**104**

Note: Highlighted cells denote trips in exceedance of 200 transit/pedestrian trip ends or 50 vehicles per peak hour

2.10.3 Level 2 Trip Assignment

As discussed above, the Proposed Project would generate greater than 50 vehicle trips during the Weekday AM, Midday, PM, and Saturday Midday peak hours. Therefore, a Level 2 screening assessment of vehicular trips during all four peak hours is warranted. The Level 2 screening assessment assigns vehicular trips to the street network surrounding the Affected Area to determine if any intersections would experience an increase of 50 vehicle trips or more.

Assignment Assumptions

The most likely travel routes to and from the Projected Development Site, prevailing travel patterns, commuter origin-destination (O-D) summaries from the most recent census data, the configuration of the roadway network, and the anticipated locations of site access and egress by site and land use were examined and utilized to perform vehicular trip assignments.

The vehicular trip assignment O-D patterns are based on the Journey-to-Work (JTW) data for residential uses from Table A302103: Means of Transportation for Workers 16 years and over of 2012-2016 Census Transportation Planning Products (CTPP).

Based on the combination of census data and the Projected Development Site's location in relation to the road network, vehicular trips to / from the Affected area are anticipated to primarily utilize Cross Bay Boulevard, Linden Boulevard, and Conduit Avenue, which serve as connectors to the Belt Parkway and Jackie Robinson Parkway and other area highways.

All vehicular trips were assumed to access the Projected Development Site via the proposed parking garage access drive that would connect Sapphire Street and 79th Street along the north frontage of the Projected Development Site (refer to **Appendix A** the architectural plans for the Projected Development Site).

The resulting vehicular trip assignments for the Weekday AM, Midday, PM, and Saturday Midday peak hours are shown below in **Figure 2.10-1** through **Figure 2.10-4**.

Level 2 Vehicular Trip Assignment Conclusion

As shown in **Figure 2.10-1** through **Figure 2.10-4** below, based on the assignment of vehicular trips, none of the intersections in the study area would exceed the 50 vehicular trips analysis threshold during any of the four peak hours. As such, a detailed Level of Service traffic analysis is not warranted.

2.10.4 Conclusion

As detailed in the analysis above, the Level 1 Trip Generation indicates that the Proposed Project would generate greater than 50 vehicle trips during Weekday AM, Midday, PM, and Saturday Midday peak hours. However, according to the Level 2 Trip Assignment, none of the intersections in the study area would exceed the 50 vehicular trips analysis threshold during any of the four peak hours. As such, further traffic analysis is not warranted, and the Proposed Project would not have significant adverse impacts on the ambient traffic condition.

Figure 2.10-1: Weekday AM Peak Hour Vehicular Trip Assignment Summary

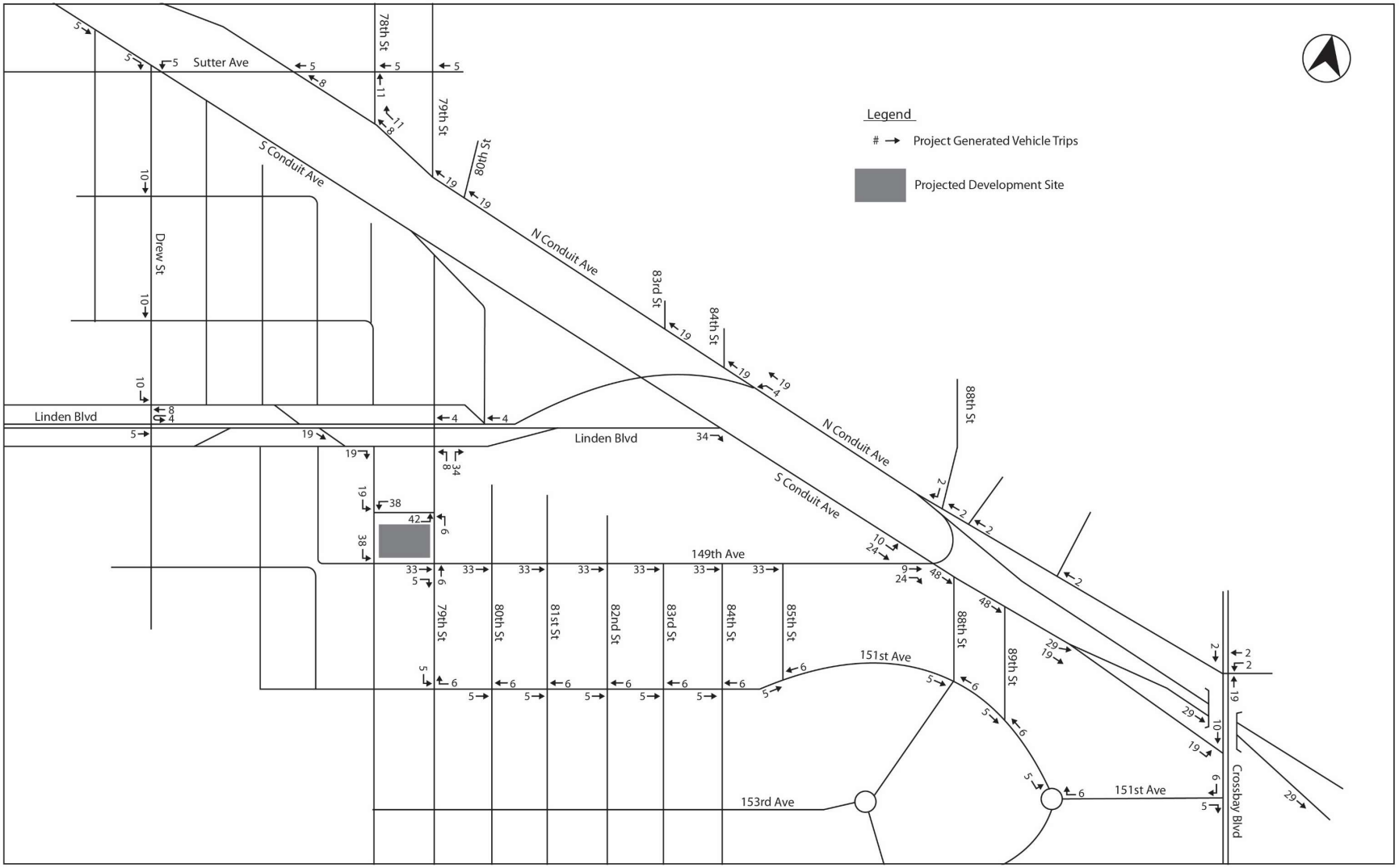


Figure 2.10-2: Weekday MD Peak Hour Vehicular Trip Assignment Summary

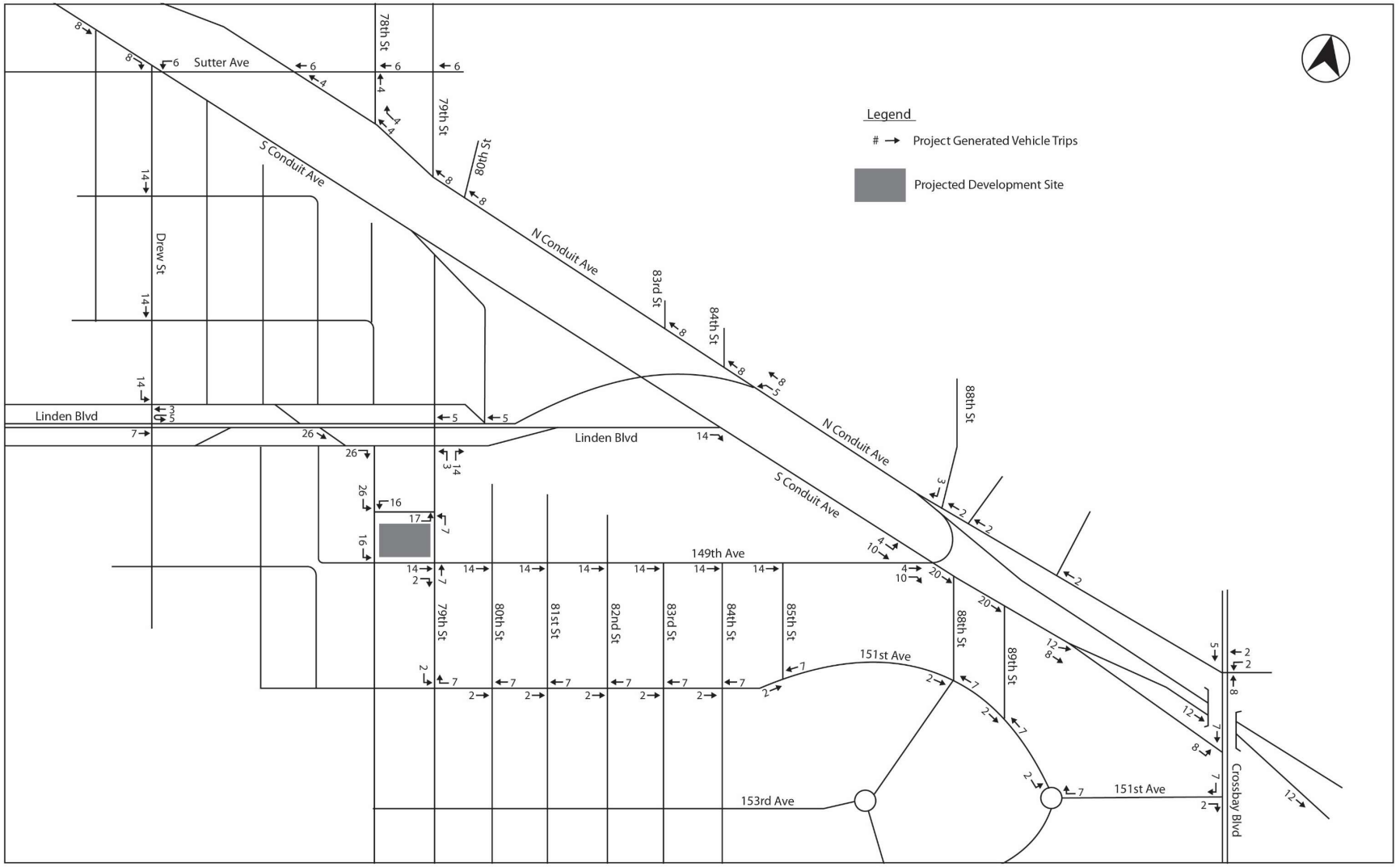


Figure 2.10-3: Weekday PM Peak Hour Vehicular Trip Assignment Summary

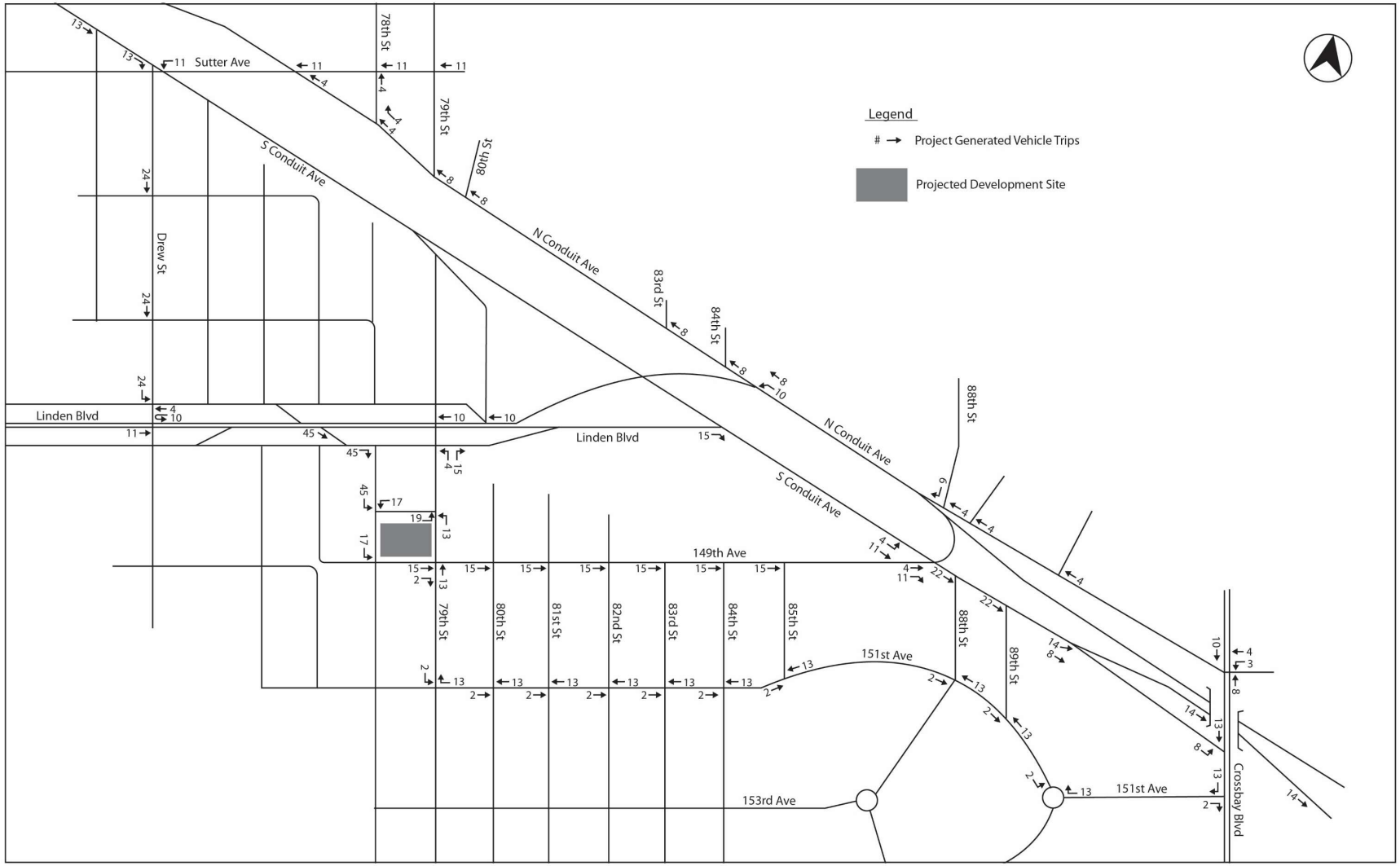
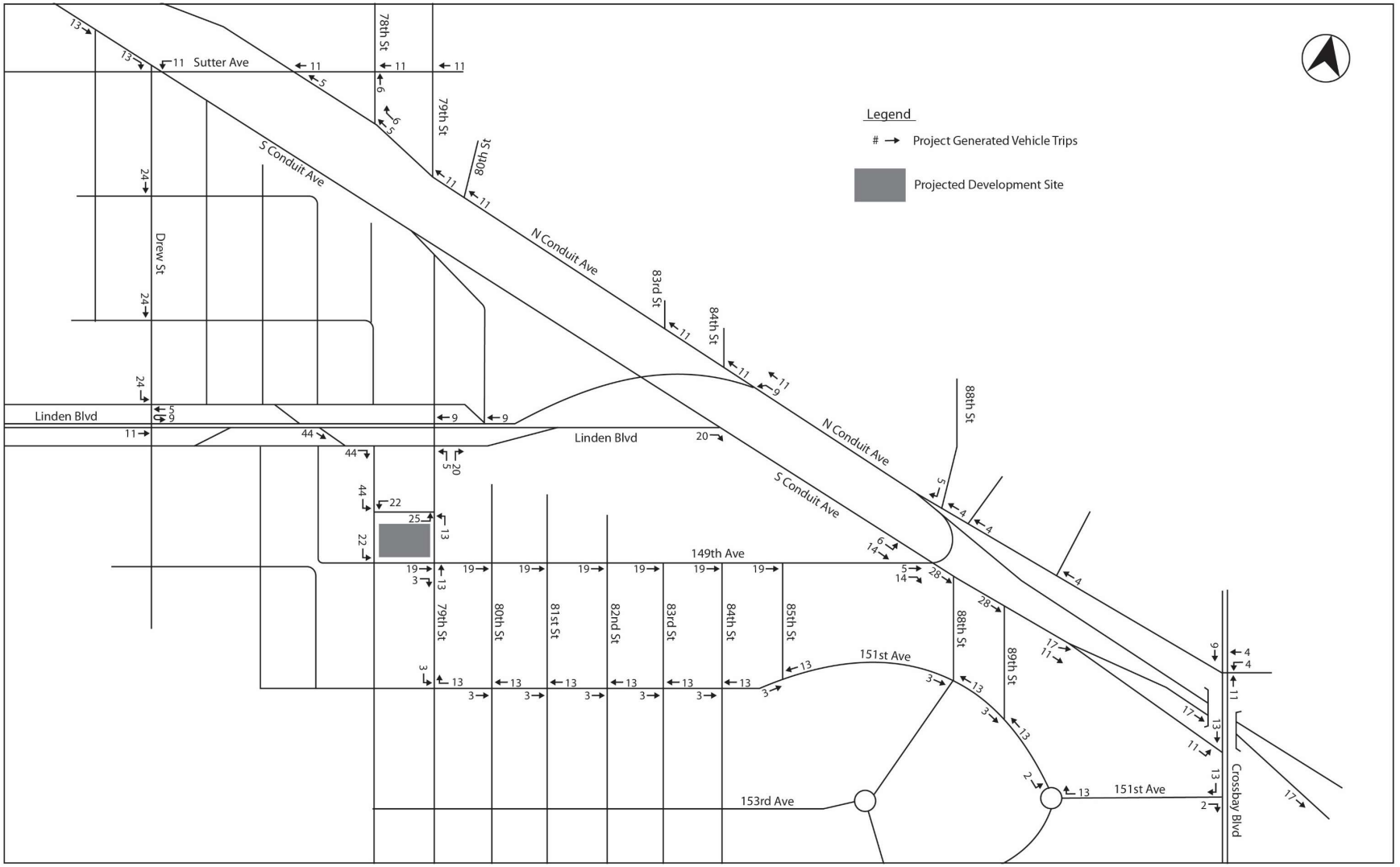


Figure 2.10-4: Weekday Saturday MD Peak Hour Vehicular Trip Assignment Summary



2.11 Air Quality

Introduction

When assessing the potential for air quality significant impacts, the *2021 CEQR Technical Manual* seeks to determine a Proposed Action's effect on ambient air quality, or the quality of the surrounding air. Ambient air can be affected by motor vehicles, referred to as "mobile sources," or by fixed facilities, referred to as "stationary sources." This can occur during operation and/or construction of a project being proposed. The pollutants of most concern are carbon monoxide, lead, nitrogen dioxide, ozone, relatively coarse inhalable particulates (PM_{10}), fine particulate matter ($PM_{2.5}$), and sulfur dioxide. The *CEQR Technical Manual* generally recommends an assessment of the potential impact of mobile sources on air quality when an action increases traffic or causes a redistribution of traffic flows, creates any other mobile sources of pollutants (such as diesel train usage), or adds new uses near mobile sources (e.g., roadways, parking lots, garages). The *CEQR Technical Manual* generally recommends assessments when new stationary sources of pollutants are created, when a new use might be affected by existing stationary sources, or when stationary sources are added near existing sources and the combined dispersion of emissions would impact surrounding areas.

Ambient air quality describes pollutant levels in the surrounding environment to which the public has access. To assess potential health hazards due to ambient air quality, the impact of air pollutants emitted by motor vehicles (mobile source) and by fixed facilities (stationary source) are analyzed, where the effects of both the proposed project on ambient air quality and the ambient air quality effect on the proposed project are considered.

With-Action Scenario

The Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would be a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces.

Air Quality Standards, Regulations, and Benchmarks

Criteria Pollutants

As required by the Clean Air Act (CAA), the U.S. Environmental Protection Agency ("EPA") has established National Ambient Air Quality Standards ("NAAQS") for seven criteria pollutants. The presence of criteria pollutants in ambient air is generally due to numerous diverse and widespread sources of emissions. Ambient air quality describes pollutant levels in the surrounding environment to which the public has access. The NAAQS includes primary standards, which are the pollutant ambient air concentrations required to protect public health with adequate margin of safety, and secondary standards, which are intended to protect the nation's welfare and account for air pollutant effects on soil, water, visibility, materials, vegetation, and other aspects of the environment. The NAAQS is shown in **Table 2.11-1**.

Table 2.11-1: National Ambient Air Quality Standards (NAAQS)

Pollutant	Primary		Secondary	
	PPM	µg/m³	PPM	µg/m³
Carbon Monoxide (CO)				
1-Hour Average	9 (1)	10,000	None	
8-Hour Average	35 (1)	40,000		
Lead (Pb)				
Rolling 3-Month Average (2)	NA	0.15	NA	0.15
Nitrogen Dioxide (NO_2)				
1-Hour Average	0.100 (3)	188	None	
Annual Average	0.053	100	0.053	100
Ozone (O_3)				
8-Hour Average (4)	0.070		0.070	
Respirable Particulate Matter (PM_{10})				
24-Hour Average (5)		150		150
Fine Respirable Particulate Matter ($PM_{2.5}$)				
24-Hour Average (6)		9.0		15.0
Annual Mean (7)		35		35
Sulfur Dioxide (SO_2)				
1-Hour Average (8)	0.075	196		
Annual Average (9)			0.010	26

Notes:

1. Not to be exceeded more than once a year.
2. In areas designated nonattainment for the Pb standards prior to the promulgation of the current (2008) standards, and for which implementation plans to attain or maintain the current (2008) standards have not been submitted and approved, the previous standards (1.5 µg/m³ as a calendar quarter average) also remain in effect.
3. 3-year average of the annual 98th percentile daily maximum 1-hr average concentration.
4. 3-year average of the annual fourth-highest daily maximum 8-hr average concentration. Final rule signed October 1, 2015, and effective December 28, 2015. The previous (2008) O_3 standards are not revoked and remain in effect for designated areas. Additionally, some areas may have certain continuing implementation obligations under the prior revoked 1-hour (1979) and 8-hour (1997) O_3 standards.
5. Not to be exceeded more than once per year on average over 3 years.
6. 98th percentile, averaged over 3 years.
7. Annual mean, averaged over 3 years.
8. Annual 99th percentile of 1-hour daily maximum concentrations, averaged over 3 years. The previous SO_2 standards (0.14 ppm 24-hour and 0.03 ppm annual) will additionally remain in effect in certain areas: (1) any area for which it is not yet 1 year since the effective date of designation under the current (2010) standards, and (2)any area for which an implementation plan providing for attainment of the current (2010) standard has not been submitted and approved and which is designated nonattainment under the previous SO_2 standards or is not meeting the requirements of a SIP call under the previous SO_2 standards (40 CFR 50.4(3)). A SIP call is an EPA action requiring a state to resubmit all or part of its State Implementation Plan to demonstrate attainment of the required NAAQS.
9. Annual mean, averaged over 3 years. The 2024 rulemaking added a new annual secondary NAAQS in 40 CFR Part 50 without altering the 1971 secondary 3-hour SO_2 NAAQS. Note that some areas may have certain continuing implementation obligations.

In addition to the NAAQS, New York City's *de minimis* criteria are used to determine the significance (that constitutes a significant environmental impact) of the incremental increases in carbon monoxide ("CO") and fine respirable particulate matter ("$PM_{2.5}$") concentrations. The *de minimis* for CO is:

- An increase of 0.5 parts per million (ppm) or more in the maximum 8-hour average CO concentration at a location where the predicted No-Action 8-hour concentration is equal to 8 ppm or between 8 ppm and 9 ppm; or
- An increase of more than half the difference between baseline (i.e., No-Action) concentrations and the 8-hour standard, when No-Action concentrations are below 8 ppm.

The following criteria are used for the determination of significant adverse $PM_{2.5}$ incremental impacts for projects under CEQR:

- Predicted 24-hour maximum $PM_{2.5}$ concentration increase of more than half the difference between the 24-hour background concentration and the 24-hour standard; or
- Predicted annual average $PM_{2.5}$ concentration increments greater than 0.1 $\mu g/m^3$ at ground level on a neighborhood scale (i.e., the annual increase in concentration representing the average over an area of approximately 1 square kilometer, centered on the location where the maximum ground-level impact is predicted for stationary sources; or for mobile sources, at a distance from a roadway corridor similar to the minimum distance defined for locating neighborhood scale monitoring stations).
- Predicted annual average $PM_{2.5}$ concentration increments greater than 0.3 $\mu g/m^3$ at any receptor location for stationary sources.

Noncriteria Pollutants

Noncriteria pollutants include hundreds of toxic pollutants, ranging in toxicity levels (from high to low). High-toxicity contaminants include potential human carcinogens, such as hazardous air pollutants (HAPs). Moderate-toxicity contaminants may include animal carcinogens and other substances that pose a health risk to humans. Low-toxicity contaminants are those of primary concern as irritants. The New York State Department of Environmental Conservation ("NYSDEC") has established guidelines for the maximum allowable concentration of noncriteria air contaminants. The maximum permissible guidelines set maximum 1-hour and annual averaging time concentrations published (February 12, 2021 publication) in the DAR-1 Annual and Short-term Guideline Concentration (AGC/SGC Table).

NYSDEC also regulates pollutants that produce discomfort due to odors, where significant discomfort is evaluated on quantity, characteristic, or duration.

2.11.1 Mobile Sources Assessment

According to the *CEQR Technical Manual*, projects, whether site-specific or generic, may result in significant mobile source air quality impacts when they increase or cause a redistribution of traffic; create any other mobile sources of pollutants (such as diesel trains, helicopters etc.); or add new uses near mobile sources (roadways, garages, parking lots, etc.). Projects requiring further assessment include:

- *Projects that would result in the placement of operable windows, balconies, air intakes or intake vents generally within 200 feet of an atypical source of vehicular pollutants;*

- *Projects that would result in the creation of a fully or partially covered roadway, would exacerbate traffic conditions on such a roadway or would add new uses near such a roadway;*
- *Projects that would generate peak hour auto traffic or divert existing peak hour traffic of 170 or more auto trips in this area of the City;*
- *Projects that would generate peak hour heavy-duty diesel vehicle traffic or its equivalent in vehicular emissions resulting from 12 or more heavy-duty diesel vehicles (HDDVs) for paved roads with average daily traffic of fewer than 5,000 vehicles, 19 or more HDDVs for collector roads, 23 or more HDDVs for principal and minor arterials, or 23 or more HDDVs for expressways and limited-access roads;*
- *Projects that would result in new sensitive uses (e.g., schools or hospitals) adjacent to large existing parking facilities or parking garage exhaust vents;*
- *Projects that would result in parking facilities or applications requesting the grant of a special permit or authorization for parking facilities; or projects that would result in a sizable number of other mobile sources of pollution (e.g., a heliport or a new railroad terminal); and/or*
- *Projects that would substantially increase the vehicle miles traveled in a large area.*

The Proposed Actions would not result in the creation of a covered roadway or affect any covered roadway. Peak hour trip generation of the Proposed Actions is below the 170-car threshold, as per **Chapter 2.10: Transportation**. The Proposed Project would not create a new sensitive receptor adjacent to large parking facilities. The Proposed Project would not result in operable windows or air intakes within 200 feet of an atypical roadway.

The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west. Per the roadway functional classification from New York State Department of Transportation, Linden Boulevard (part of New York State Route 27) is a principal arterial road, while 79th Street, 149th Avenue, and Sapphire Street are local roads. Both Sapphire Street and 149th Avenue are dilapidated roads where they are adjacent to the Affected Area, with broken asphalt and overgrown weeds encroaching on the roadway. As indicated in **Chapter 2.10: Transportation**, the incremental vehicular trips as a result of the Proposed Actions would exceed the HDDV threshold of local roads on 79th Street, 149th Avenue, and Sapphire Street around the Projected Development Site. Accordingly, a preliminary HDDV screening was conducted to determine if the project would generate an HDDV equivalent traffic volume of more than 12-23 per hour, depending on the road type.

In addition, the Proposed Project would result in creation of a below-grade off-street parking garage with 120 residential accessory vehicular parking spaces, which would exceed the threshold of an increment of 85 or more parking spaces for a detailed parking garage analysis. As such, further analysis on parking garage is required.

Mobile Source Preliminary Assessment

A preliminary screening was conducted to determine if the project would generate HDDV traffic or its equivalent in vehicular emissions exceeding the *CEQR Technical Manual* threshold of more than 12-23 per hour depending on the road type. The intersections where the highest concentrations of peak-hour

project-generated automobiles are anticipated to traverse, and their respective New York State Department of Transportation Functional Classifications, include the following:

- Study Intersection 1: Sapphire Street (Local) and Linden Boulevard (Arterial)
- Study Intersection 2: Sapphire Street (Local) and 149th Avenue (Local)
- Study Intersection 3: 79th Street (Local) and 149th Avenue (Local)
- Study Intersection 4: 79th Street (Local) and Linden Boulevard (Arterial)

The mobile source HDDV equivalent emission estimate was conducted for the intersections listed above using CEQR Chapter 17 Air Quality Section 210 worksheet, based on the With-Action vehicle trip increments per intersection for the Weekday AM, midday, PM, and Saturday Midday peak hours (see **Figure 2.10-1**, **Figure 2.10-2**, **Figure 2.10-3**, and **Figure 2.10-4**). All project-generated cars were assumed to be LDGT1 class vehicles.

To consider that an intersection may consist of segments of different roadway classes, the New York City Department of City Planning (DCP) recommended approach was applied. Specifically, HDDV equivalent was calculated for intersection approaching roadway segments separately, based on respective roadway classification and traffic volume, roadway HDDV equivalent was then divided by the HDDV screening threshold to derive HDDV equivalent ratio. For each intersection, if the sum of HDDV ratios of the two approaching roadways exceeds 1, the intersection fails the HDDV emission or its equivalent screening and a detailed analysis is required.

Table 2.11-2 shows the project-generated HDDVs at each Study Area intersection by leg, and the results of the CEQR Technical Manual Equivalent Truck Calculation. As shown below, three study intersections (Study Intersections 2, 3, and 4) fail the HDDV screening. As such, a detailed mobile source analysis on HDDV is required.

In addition, the Proposed Project would result in the creation of a new 120-space parking facility, and therefore, a detailed analysis on parking facilities is also required.

Table 2.11-2: HDDV Screening Results

Study Intersection	Road 1						Road 2						
	Road	HDDV Threshold	Auto Trips	Truck Trips	Total Trips	E-Trucks	Road	HDDV Threshold	Auto Trips	Truck Trips	Total Trips	E-Trucks	E-Trucks Ratio
	Weekday AM												
1	Sapphire Street	12	0	0	0	0.00	Linden Blvd	23	29	2	31	2.69	0.117
2	Sapphire Street	12	38	0	38	18.32	149th Avenue	12	0	0	0	0.00	1.470
3	79th Street	12	6	0	6	2.89	149th Avenue	12	38	0	38	18.32	1.702
4	79th Street	12	41	1	42	20.61	Linden Blvd	23	3	1	4	0.84	1.690
	Weekday Midday												
1	Sapphire Street	12	0	0	0	0.00	Linden Blvd	23	29	2	31	2.69	0.117
2	Sapphire Street	12	16	0	16	7.71	149th Avenue	12	0	0	0	0.00	0.619
3	79th Street	12	7	0	7	3.37	149th Avenue	12	16	0	16	7.71	0.890
4	79th Street	12	16	1	17	8.55	Linden Blvd	23	5	0	5	0.22	0.696
	Weekday PM												
1	Sapphire Street	12	0	0	0	0.00	Linden Blvd	23	59	0	59	2.60	0.113
2	Sapphire Street	12	17	0	17	8.20	149th Avenue	12	0	0	0	0.00	0.658
3	79th Street	12	13	0	13	6.27	149th Avenue	12	17	0	17	8.20	1.161
4	79th Street	12	19	0	19	9.16	Linden Blvd	23	10	0	10	0.44	0.754
	Saturday Midday												
1	Sapphire Street	12	-1	1	0	0.36	Linden Blvd	23	56	2	58	3.88	0.197
2	Sapphire Street	12	22	0	22	10.61	149th Avenue	12	0	0	0	0.00	0.851
3	79th Street	12	13	0	13	6.27	149th Avenue	12	22	0	22	10.61	1.354
4	79th Street	12	24	1	25	12.41	Linden Blvd	23	9	0	9	0.40	1.013

Mobile Source Detailed Analysis

As shown in **Table 2.11-2**, the project-generated HDDV traffic equivalent fails the *CEQR Technical Manual* screening analysis. Therefore, a detailed intersection mobile source $PM_{2.5}$ air quality impact analysis is required. Additionally, the Proposed Project would result in the creation of a new 120-space parking facility, and therefore, a detailed analysis on parking facility is required for carbon monoxide (CO) and $PM_{2.5}$.

Methodology

Vehicular emissions were predicted with the EPA's Mobile Vehicle Emission Simulator (MOVES) Version 5. County data set input (NYSDEC uses 14 tables, including inspection/maintenance, fuel data, age distribution, and meteorology data, and a LEV (Low Emission Vehicles) database) processed by the NYSDEC[11] was used in the analysis. The NYSDEC latest mobile source inventory database is for 2023. The Queens County's vehicle population dataset projected to Build Year 2028, using the spreadsheet in the NYSDEC county dataset was used to augment the vehicle classification (e.g., intercity bus, transit bus, and school bus). The LEV database was added to the MOVES RunSpec ("Input Data Sets" section of the Advanced Features Panel in MOVES) to account for the New York State's Low Emission Vehicles (NYLEV) Program. The MOVES model was run for each season (January, April, July, and October), and the maximum emission was used in the analysis. In addition, $PM_{2.5}$ emissions from dust generated by vehicles traveling on paved roadways were added to estimate total particulate matter emissions for the short-term analysis (annual fugitive dust emissions are negligible, based on similar analyses for projects under CEQR). Fugitive dust emissions were calculated using the EPA's AP-42 methodology[12], where a conservative assumption of "dry" road conditions (precipitation reduces silt loading) was used. Based on the 2021 *CEQR Technical Manual* specification, a silt loading factor of 0.4 grams per meter square (g/m^2), applicable to local roadways, was applied in the analysis.

Pollutant concentrations were predicted with AERMOD. AERMOD MPI version 24142 executable was used in the dispersion analysis. Lakes Environmental, Inc. adjusted the EPA AERMOD source code and recompiled the model to parallelize the processing of receptors, reducing run-time significantly. The MPI executable (used in the analysis) modified the EPA AERMOD executable model version 24142. The AERMOD model incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources and simple and complex terrain. The model was run with the regulatory default option. All models used five consecutive years of meteorological data (2017-2021) from the NYSDEC. According to the NYSDEC, due to a nationwide helium shortage, a fair amount of 2022 upper air data was missing (affecting 2023 data as well), and therefore, 2017-2021 meteorological data should be used. Meteorological surface data is from John F. Kennedy Airport, and upper air data is from Brookhaven Station, New York. The meteorological data provided hour-by-hour wind speeds and directions, stability states, and temperature inversion elevations over the five years. The population in New York City was specified to account for the effects of increased surface heating in an urban area on pollutant dispersion under stable atmospheric conditions. The map application in North American Datum 1983 (NAD83) coordinates, built into Lakes Environmental, Inc.'s

[11] NYSDEC. 2023. "Air Emission Inventories." *2023 On-Road Inventory*. NYSDEC, dec.ny.gov/environmental-protection/air-quality/air-emission-inventories#Non-Road

[12] EPA. Compilation of Air Pollutant Emission Factors AP-42 Fifth Edition, Vol. 1: Paved Roads Chapter 13: Miscellaneous Sources. epa.gov/ttn/chief/ap42. January 2011.

commercial AERMOD application (AERMOD View), was used to locate features spatially. The surrounding area is generally flat with a base elevation of approximately 3 meters.

Predicted pollutant increment concentrations were evaluated with the *de minimis*, and the With-Action concentrations were evaluated with the NAAQS. The $PM_{2.5}$ *de minimis* for mobile sources was applied in the analysis, while the *de minimis* for stationary sources was applied in the parking garage analysis, as garage vents are considered stationary sources. The statistical form of the NAAQS (2nd-highest for CO and 8th-highest for the 24-hour average $PM_{2.5}$) was specified in the modeling. Pollutant background concentrations from the nearest NYSDEC monitoring station(s) were applied in the analysis. **Table 2.11-3** shows the CO and $PM_{2.5}$ NAAQS, background concentration, and the *City's de minimis*.

Table 2.11-3: NAAQS and CEQR *de minimis*

Pollutant	Averaging Period	NAAQS	Background Concentration	Monitoring Station	CEQR *de minimis*
CO [2]	1 Hour	35 ppm (40,000 $\mu g/m^3$)	1.23 ppm	Queens College, Site No. 36-081-0124	---
	8 Hour	9 ppm (10,000 $\mu g/m^3$)	1.0 ppm		4.00 ppm
$PM_{2.5}$	24 Hour [3]	35 $\mu g/m^3$	19.0 $\mu g/m^3$	PS 314, Site No. 36-047-0052	8.0 $\mu g/m^3$
	Annual [4]	9.0 µg/m^3	8.0 $\mu g/m^3$		0.1 $\mu g/m^3$ or 0.3 $\mu g/m^3$

Notes:
1. Background concentration: NYSDEC. 2024. "New York State Ambient Air Quality Report 2024." October 20th, 2025. dec.ny.gov/sites/default/files/2025-08/2024airqualreport.pdf.
2. CO - Not to be exceeded more than once per year, background concentration is the 2nd highest.
3. 24-Hour $PM_{2.5}$ - 98th percentile, averaged over 3 years.
4. Annual $PM_{2.5}$ - annual mean, averaged over 3 years.
5. ppm = parts per million; ppb = parts per billion; µg/m^3 = micrograms per cubic meter

Intersection Mobile Source Impact Detailed Analysis

Based on the HDDV screening results (see **Table 2.11-2**), the intersection of Sapphire Street and 149th Street was selected for the microscale dispersion analysis. The AM peak-hour traffic was analyzed for both short-term (Tier 1 approach) and annual analyses.

No/With-Action traffic volume and classification inputs were derived from project-specific inputs, as well as accounting for traffic associated with the Proposed Action 78-08 Linden Boulevard Rezoning (CEQR No. 24DCP123Q). Existing vehicle count and classification were collected on September 12, 2024 (see **Table 2.12-7**, **Table 2.12-8**, and **Table 2.12-9**). The *CEQR Technical Manual* annual background growth rate was used to project the existing traffic to the Build Year (2028). The project-generated traffic was added to the No-Action traffic to project the With-Action traffic.

Receptors were placed every 10 feet and at a height of 1.8 meters around the intersection, approximately in the middle of the sidewalks, for the short-term analysis and 15 meters from the curb for the annual time frame, based on 30-foot curb-to-curb roadway footprints. On-street emissions were simulated as

line-area sources. Dispersion parameters for the line area source were calculated using the EPA's guidance manual[13] using the light/heavy-duty vehicle by volume distribution.

Predicted incremental concentrations were evaluated against the *de minimis* for mobile sources, and the With-Action concentrations were evaluated against the NAAQS. **Table 2.11-4** shows the dispersion analysis results for the $PM_{2.5}$ intersection analysis. As shown in **Table 2.11-4**, pollutant ($PM_{2.5}$) concentrations associated with the Proposed Action HDDV traffic would be below the NAAQS, and the incremental concentration would not exceed the *de minimis* criteria.

Table 2.11-4: Intersection Mobile Source ($PM_{2.5}$) Dispersion Analysis Results

Pollutant	Background Conc. (μg/m³)	Modeled Concentration (μg/m³)		*de minimis* (μg/m³)		NAAQS (μg/m³)	
		No-Action	With-Action	Increment Conc.	*de minimis*	Ambient With-Action	NAAQS
24-Hour $PM_{2.5}$	19.0	0.99525	1.68919	0.69	8.00	20.7	35
Annual $PM_{2.5}$	8.0	0.03724	0.05633	0.02	0.1	8.06	9.0

Parking Garage Detailed Analysis

The Proposed Actions would facilitate a 55,205 GSF, 120-space parking garage in the building's cellar level. The parking garage will be accessible from 79th Street and Sapphire Street via an open driveway on the northern side of the Project Site, based on the Site Plans. The parking accumulation (ingress and egress), provided by the transportation analysis for this project, is shown in **Table 2.11-5**.

Based on the *CEQR Technical Manual*, vehicles in the parking garage (incoming/outgoing vehicles) were assumed to travel half the width and two-thirds the length of the garage, and outgoing vehicles were assumed to idle for 1 minute before exiting the parking facility. A temperature of 45 degrees Fahrenheit in the garage was used in the MOVES, per the *CEQR Technical Manual*. Vehicle start (engine ignition) emissions were accounted for in the analysis, assuming a soak time of 720 minutes (8 hours). Vehicle traffic on the open driveway to/from 79th Street and Sapphire Street was included in the analysis.

Pollutant concentrations at sensitive receptors were modeled with both the with and without downwash effects options. The Building Profile Input Program (BPIP) was run with the downwash effect enabled. Existing buildings, including the Proposed Action *78-08 Linden Boulevard Rezoning* (CEQR No. 24DCP123Q) development, in the area were accounted for in the downwash effect option. Receptors were placed on sidewalks around the Project Site, 5 feet above the parking garage vent(s) to simulate window receptors, and on sensitive land uses buildings on 79th Street and Sapphire Street.

Emissions in the parking garage were simulated using two vents, each emitting half the total emissions. The parking garage vents were located at 79th Street and Sapphire Street wall façades and set back 60 feet from the northern wall façade. The *CEQR Technical Manual* default stack parameters were specified in the AERMOD model. **Table 2.11-6** shows the Projected Development Site parking garage dimensions and dispersion parameters applied in the analysis.

[13] EPA. 2021. *PM Hot-spot Guidance, Transportation Conformity Guidance for Quantitative Hot-spot Analyses in $PM_{2.5}$ and PM_{10} Nonattainment and Maintenance Areas*. EPA-420-B-21-037, Transportation and Regional Programs Division, Office of Transportation and Air Quality, U. S. Environmental Protection Agency, October 2021.

Table 2.11-5: Proposed Actions Parking Garage Accumulation

Time Ending	Weekday			Saturday			Sunday		
	In	Out	Accumulation	In	Out	Accumulation	In	Out	Accumulation
1:00 AM	6	2	4	15	4	10	29	6	23
2	3	2	5	2	1	12	15	5	33
3	2	1	6	5	1	15	25	9	49
4	1	1	6	13	5	22	3	3	48
5	1	3	4	2	1	23	6	0	54
6	2	11	-4	1	1	23	3	2	55
7	5	41	-40	2	10	16	0	6	49
8	13	77	-104	16	21	11	4	9	43
9	16	66	-155	15	25	1	4	20	27
10	12	36	-179	18	43	-24	10	22	15
11	14	24	-189	26	41	-38	21	38	-2
12	18	21	-192	32	35	-41	19	55	-38
1:00 PM	23	25	-195	24	45	-62	32	41	-47
2	23	23	-195	37	29	-54	32	46	-61
3	22	20	-193	38	39	-56	33	38	-66
4	31	20	-182	43	27	-40	30	54	-89
5	49	27	-160	33	32	-39	30	28	-87
6	69	31	-122	41	41	-38	41	39	-85
7	64	32	-89	33	38	-44	48	33	-70
8	50	29	-68	37	21	-28	48	19	-40
9	41	16	-44	24	22	-26	26	24	-38
10	34	8	-18	23	20	-23	30	14	-22
11	19	8	-7	25	16	-14	28	13	-7
12	11	4	0	23	9	0	10	3	0

Table 2.11-6: Projected Development Site Parking Garage Parameters

Parameter	No.
Area (gsf)	55,205
Garage length (ft) / width (ft)	260 / 212
Idle time (min/veh)	1
Vent height above grade/sidewalk (ft)	11
Receptor height above sidewalk (ft)	6
Receptor height above vent (ft)	5
Number of vents	2
Stack parameters	*CEQR Technical Manual* default

Predicted concentrations were evaluated with the *de minimis* for stationary source and the With-Action ambient concentration with the NAAQS. Maximum on-street pollutant contributions, modeled at the

intersection of 149th Street and Sapphire Street, were added to the concentrations resulting from the parking garage vents and driveway emissions. **Table 2.11-7** shows the results of the parking garage dispersion analysis- the pollutant concentrations are within the NAAQS, and 8-hour CO and $PM_{2.5}$ concentrations do not exceed the *de minims*.

Table 2.11-7: Parking facility dispersion analysis results

Pollutant	Scenario	Background Conc.	Modeled Concentration		Increment		With-Action		Conc. Unit
			On-Street	P. Garage	Conc.	*de minimis*	Conc.	NAAQS	
1-Hour CO	No-Action	1.23	0.06186	17.48365	17.55		18.78	35	ppm
8-Hour CO	No-Action	1.0	0.01816	---	3.93	4.00	---	9	ppm
	With-Action		0.03679	3.90955			3.95		
24-Hour $PM_{2.5}$	No-Action	19.0	0.99525	---	1.91	8.00	---	35	$\mu g/m^3$
	With-Action		1.68919	1.21203			21.9		
Annual $PM_{2.5}$	No-Action	8.0	0.06382	---	0.23	0.3	---	9.0	$\mu g/m^3$
	With-Action		0.09553	0.19877			8.3		

Conclusion

As shown above, pollutant concentrations associated with the Proposed Actions HDDV traffic and parking garage emissions would be below the NAAQS, and the incremental concentrations would not exceed the *de minimis* criteria. Therefore, no significant adverse impact is predicted from emissions associated with the Proposed Actions' parking facility and traffic, provided at least two vents located at least 11 feet above grade and at least 60 feet from Block 11384, Lot 1 southern lot line are utilized in the parking garage.

To avoid potential significant adverse air quality impacts on the sensitive receptors to the north of the vents, the setback distance described above would be recorded in the air quality E-Designation (E-908) below. With the establishment of the E-designation, no significant adverse impacts related to mobile source emission would occur, and no further analysis is required.

2.11.2 Stationary Sources Assessment

According to the *2021 CEQR Technical Manual*, projects may result in stationary source air quality impacts when one or more of the following occurs:

- *New stationary sources of pollutants are created (e.g., emission stacks for industrial plants, hospitals, and other large institutional uses);*
- *Certain new uses near existing (or planned future) emissions stacks are introduced that may affect the use;*
- *Structures near such stacks are introduced so that the structures may change the dispersion of emissions from the stacks so that surrounding uses are affected;*
- *Fossil fuels (fuel oil or natural gas) for heating/hot water, ventilation, and air conditioning systems are used;*

- *Large emission sources are created (e.g., solid waste or medical-waste incinerators, cogeneration facilities, asphalt/concrete plants, or power-generating plants, etc.);*
- *New sensitive uses are located near a large emission source;*
- *Medical, chemical or research labs are created or result in new uses being located near them;*
- *Operation of manufacturing or processing facilities is created;*
- *New sensitive uses created within 400 feet of manufacturing or processing facilities;*
- *New uses created within 400 feet of a stack associated with commercial, institutional, or residential developments (and the height of the new structures would be similar to or greater than the height of the emission stack);*
- *Potentially significant odors are created;*
- *New uses near an odor-producing facility are created;*
- *"Non-point" sources that could result in fugitive dust are created;*
- *New uses near nonpoint sources are created; and/or*
- *A generic or programmatic action is introduced that would change or create a stationary source or that would expose new populations to such a station.*

Impacts from boiler emissions at the Projected Development Site are a function of fuel oil type, stack height, minimum distance from the source to the nearest building, and square footage of the development. For the purposes of a conservative assessment an HVAC Emissions Screen was performed using *2021 CEQR Technical Manual* Air Quality Nomograph.

Screening Analysis

To further the City's goals of reducing carbon emissions and improving local air quality, Local Law 154 of 2021 (LL154) prohibits the onsite combustion of fuels that emit more than 25kg CO_2/MMBtu in new construction[14]. The law phases out the usage of fossil fuels in new buildings for space heating and service hot water, which is applicable to buildings that submit applications to Department of Buildings (DOB) for New Buildings or Alt-CO New Buildings with Existing Elements to Remain. Per LL154, affordable housing buildings 7-stories or taller that submit applications for new buildings starting on December 31, 2027 are required to use electricity to power HVAC systems.

Given that the build year of the Proposed Development is assumed to be 2028, the new construction on the Projected Development Site would be required to use electric power for the HVAC systems. As a result, the Proposed Actions would not result in significant adverse impacts related to HVAC systems. Accordingly, a detailed analysis of the impacts from the Proposed Development's HVAC emissions on existing land uses is not warranted for the Proposed Actions.

To ensure that the Proposed Development would utilize electric power for the HVAC systems, an E-Designation (E-908) would be placed on the Projected Development Site. Meanwhile, the E-Designation

[14] https://www.nyc.gov/site/buildings/codes/ll154-building-electrification.page

shall also include the setback distance requirement on the vents of the proposed parking facility to ensure that pollutant concentrations associated with the Proposed Actions HDDV traffic and parking garage emissions would be below the NAAQS, and the incremental concentrations would not exceed the *de minimis* criteria.

The text for the proposed air quality E-Designation would be as follows:

E-908

Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45: Any new residential development on the above-referenced property must ensure the HVAC system and hot water equipment are powered by electricity only with no venting or stacks, and any parking garage vent must be at least 60 feet from the southern lot line of Block 11384 Lot 1, to avoid any potential significant adverse air quality impacts.

Conclusion

As discussed above, the Proposed Development would be required to comply with New York City Local Law 154 of 2021 (LL154), which aims to phase out the usage of fossil fuels in new buildings for space heating and service hot water by December 31, 2027. Per LL154, the new construction on the Projected Development Site would utilize electric power for the heating, ventilation, and air conditioning (HVAC) systems. An E-Designation (E-908) would be placed on the Projected Development Site to ensure the use of electric power for the HVAC systems. As a result, the Proposed Actions would not have any significant adverse impacts on air quality because of the project-related HVAC emissions, and no further analysis is warranted.

Industrial Emissions

The Proposed Actions would introduce sensitive residential uses into the area. Accordingly, a preliminary screening was conducted to determine if there are any potential sources of industrial process emissions that could affect occupants of the Projected Development Site.

400-Foot Study Area

The Affected Area is currently located within an R4 zoning district, and the surrounding area is a mixture of residential buildings, commercial structures, and vacant lands. The 400-foot radius was screened for potential sources of industrial emissions and is shown below in **Figure 2.11-1**. Based on field observations and reviews of DCP land use maps, only one industrial/manufacturing site was located within the 400-foot study area, which is a 2-story, 600 GSF (0.15 FAR) warehouse on Block 11384, Lot 45 within the Projected Development Site. It should be noted that a sheet metal contractor (WG Sheet Metal) is located at 329 Amber Street (Block 4497, Lot 19) per Google Map, which is approximately 158 feet from the Projected Development Site. No active or expired DEP permits are associated with this address. Furthermore, based on field observations, there are no on-site industrial activities at this address, and the lot is vacant land used for material and equipment storage.

Since the only identified industrial site within the 400-foot study area is a warehouse on the Projected Development Site, which would be demolished and redeveloped into a residential building, this site would not have any industrial emissions in the future with the Proposed Actions. In addition, based on review of the DEP CATS database, there were no industrial permits identified within the 400-foot study area.

1,000-Foot Study Area

A search of the EPA Envirofacts ICIS-AIR database and the Toxics Release Inventory (TRI) was conducted for all parcels within the 400 and 1,000-foot Study Area. The Envirofacts ICIS Air Database contains compliance and permit data for stationary sources of air pollution (such as electric power plants, steel mills, factories, and universities) regulated by EPA, state and local air pollution agencies. The Toxics Release Inventory (TRI) is a publicly available database containing information on toxic chemical releases and other waste management activities in the United States.

The search did not identify any large or major sources of industrial emissions or odor producing facilities within 1,000 feet of the Affected Area. As such, no further analysis of large or major emissions sources is warranted.

Conclusion

As noted above, no industrial source emissions were identified within the 400-foot study area and no large source Title V permitted uses were found within the 1,000-foot study area. Therefore, no significant adverse impacts from industrial emission sources would occur within the study area, and no further analysis is warranted.

2.11.3 Conclusion

Based on the analysis above, the Proposed Actions would not result in any listed conditions that may introduce significant adverse air quality impacts related to mobile source air emissions, provided that at least two vents located at least 11 feet above grade and at least 60 feet from Block 11384, Lot 1 southern lot line are utilized in the parking garage.

Since the Proposed Development would be required to comply with New York City Local Law 154 of 2021 (LL154), which aims to phase out the usage of fossil fuels in new buildings for space heating and service hot water by December 31, 2027. Per LL154, the new construction on the Projected Development Site would utilize electric power for the heating, ventilation, and air conditioning (HVAC) systems. As a result, the Proposed Actions would not have any significant adverse impacts on air quality because of the project-related HVAC emissions.

An E-Designation (E-908) would be placed on the Projected Development Site to reinforce the setback distance requirement on the vents of the proposed parking garage, and the utilization of electric power for the HVAC system. Therefore, no significant adverse impacts related to mobile source and HVAC system emissions would occur.

No industrial source emissions were identified within the 400-foot study area and no large source Title V permitted uses were found within the 1,000-foot study area. Therefore, no significant adverse impacts from industrial emission sources would occur within the study area.

In summary, no significant adverse impacts on ambient air quality would occur as a result of the emissions induced by the Proposed Actions from the mobile, stationary, or industrial sources.

Figure 2.11-1: Industrial Emissions Screening



Legend

- Projected Development Site
- Affected Area
- 400' Study Area
- DEP CATS Permits

Potential Air Toxic Land Use

- Mixed Commercial/Residential Buildings
- Commercial/Office Buildings
- Industrial/Manufacturing Buildings
- Parking Facilities
- Vacant Land



0 40 80 160 240 US Feet

2.12 Noise

A noise analysis was conducted to assess the potential for adverse noise impacts related to the proposal for a zoning map amendment and a zoning text amendment of approximately 55,173 square feet comprising Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west in the Lindenwood neighborhood of Queens Community District 10.

The Projected Development Site consists of Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45, which would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, including approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade.

The noise analysis is limited to an assessment of ambient noise that could adversely affect building occupants of the Proposed Project, as well as an evaluation of the potential impact associated with project-generated Noise Passenger Car Equivalents (PCEs) on adjacent receptors.

Methodology

Noise is defined as any unwanted sound, and sound is defined as any pressure variation that the human ear can detect. Humans can detect a large range of sound pressures, from 20 to 20 million micropascals, but only those air pressure variations occurring within a particular set of frequencies are experienced as sound. Air pressure changes that occur between 20 and 20,000 times a second, stated as units of Hertz (Hz), are registered as sound.

Because the human ear can detect such a wide range of sound pressures, sound pressure is converted to sound pressure level (SPL), which is measured in units called decibels (dB). The decibel is a relative measure of the sound pressure with respect to a standardized reference quantity. Because the dB scale is logarithmic, a relative increase of 10 dB represents acoustic energy that is 10 times higher. However, humans do not perceive a 10-dB increase as 10 times louder. Instead, they perceive it as twice as loud.

Sound is often measured and described in terms of its overall energy, taking all frequencies into account. However, the human hearing process is not the same at all frequencies. Humans are less sensitive to low frequencies (less than 250 Hz) than mid-frequencies (500 Hz to 1,000 Hz) and are most sensitive to frequencies in the 1,000- to 5,000-Hz range. Therefore, noise measurements are often adjusted, or weighted, as a function of frequency to account for human perception and sensitivities. The most common frequency weightings used are the A- and C-weightings. These weight scales were developed to allow sound level meters, which use filter networks to approximate the characteristic of the human hearing mechanism, to simulate the frequency sensitivity of human hearing. The A-weighting is the most commonly used for environmental measurements, and sound levels measured using this weighting are denoted as dBA. The letter “A” indicates that the sound has been filtered to reduce the strength of very low and very high frequency sounds, much as the human ear does. C-weighting gives nearly equal emphasis to sounds of most frequencies. Mid-range frequencies approximate the actual (unweighted) sound level, while the very low and very high frequency bands are significantly affected by C-weighting. **Table 2.12-1** notes the decibel levels of common noise sources.

Table 2.12-1: Noise Levels of Common Sources

Sound Source	SPL (dB(A))
Air Raid Siren at 50 feet	120
Maximum Levels at Rock Concerts (Rear Seats)	110
On Platform by Passing Subway Train	100
On Sidewalk by Passing Heavy Truck or Bus	90
On Sidewalk by Typical Highway	80
On Sidewalk by Passing Automobiles with Mufflers	70
Typical Urban Area	60-70
Typical Suburban Area	50-60
Quiet Suburban Area at Night	40-50
Typical Rural Area at Night	30-40
Isolated Broadcast Studio	20
Audiometric (Hearing Testing) Booth	10
Threshold of Hearing	0
Notes: A change in 3dB(A) is a just noticeable change in SPL. A change in 10 dB(A)Is perceived as a doubling or halving in SPL.	
Source: 2021 CEQR Technical Manual	

The following is typical of human response to relative changes in noise level:

- 3-dBA change is the threshold of change detectable by the human ear;
- 5-dBA change is readily noticeable; and
- 10-dBA change is perceived as a doubling or halving of the noise level.

The decrease in sound level caused by the distance from any single noise source normally follows the inverse square law. In a large open area with no obstructive or reflective surfaces, it is a general rule that at distances greater than 50 feet, the SPL from a point source of noise drops off at a rate of 6 dB with each doubling of distance away from the source. For “line” sources, such as vehicles on a street, the SPL drops off at a rate of 3 dBA with each doubling of the distance from the source. Sound energy is absorbed in the air as a function of temperature, humidity, and the frequency of the sound. This attenuation can be up to 2 dB over 1,000 feet. The drop-off rate also will vary with both terrain conditions and the presence of obstructions in the sound propagation path.

The SPL that humans experience typically varies from moment to moment. Therefore, various descriptors are used to evaluate noise levels over time. Some typical descriptors are defined below.

- L_{eq} is the continuous equivalent sound level. The sound energy from the fluctuating SPLs is averaged over time to create a single number to describe the mean energy, or intensity level. High noise levels during a measurement period will have a greater effect on the L_{eq} than low noise

levels. L_{eq} has an advantage over other descriptors because L_{eq} values from various noise sources can be added and subtracted to determine cumulative noise levels.

- $L_{eq(24)}$ is the continuous equivalent sound level over a 24-hour time period.
- Lmax is the highest SPL measured during a given period of time. It is useful in evaluating Leqs for time periods that have an especially wide range of noise levels.
- L_{dn} is the day-night equivalent sound level, defined as a 24-hour continuous L_{eq} with a 10 dB adjustment added to all hourly noise levels recorded between the hours of 10 PM and 7 AM. This 10 dB addition accounts for the extra sensitivity people have to noise during typical sleeping hours.
- DNL is the annual average day-night average sound level. Aircraft noise around airports is usually mapped out in terms of DNL, which are normally depicted as noise contours on a map.

The sound level exceeded during a given percentage of a measurement period is the percentile-exceeded sound level (L_X). Examples include L_{10}, L_{50}, and L_{90}. L_{10} is the A-weighted sound level that exceeds 10% of the measurement period.

The decrease in sound level caused by the distance from any single noise source normally follows the inverse square law. In a large open area with no obstructive or reflective surfaces, it is a general rule that at distances greater than 50 feet, the SPL from a point source of noise drops off at a rate of 6 dB with each doubling of distance away from the source. For "line" sources, such as vehicles on a street, the SPL drops off at a rate of 3 dBA with each doubling of the distance from the source. Sound energy is absorbed in the air as a function of temperature, humidity, and the frequency of the sound. This attenuation can be up to 2 dB over 1,000 feet. The drop-off rate also will vary with both terrain conditions and the presence of obstructions in the sound propagation path.

Noise Standards and Guidelines

In 1983, the New York City Department of Environmental Protection (NYCDEP) adopted the City Environmental Quality Review (CEQR) noise exposure guidelines for exterior noise levels. As shown in **Table 2.12-2** below, noise standards classify noise exposure into four categories based on noise level limits and land use, for vehicular traffic, rail, and aircraft noise sources: Acceptable, Marginally Acceptable, Marginally Unacceptable, and Clearly Unacceptable. **Table 2.12-3** below defines attenuation requirements for buildings based on exterior noise exposure levels. Recommended noise attenuation values for buildings are designed to maintain interior noise levels of 45 dBA (*L_{10} or Ldn, depending on the source*) or below.

Table 2.12-2: Noise Exposure Guidelines for Use in City Environmental Impact Review

Receptor Type	Time Period	Acceptable General External Exposure	Airport[3] Exposure	Marginally Acceptable General External Exposure	Airport[3] Exposure	Marginally Unacceptable General External Exposure	Airport[3] Exposure	Clearly Unacceptable General External Exposure	Airport[3] Exposure
1. Outdoor area requiring serenity and quiet[2]		$L_{10} \leq 55$ dBA	----DNL ≤ 60 dBA----		----60 < DNL ≤ 65 dBA----		(I) 65 < DNL ≤ 75 dBA		---------- 75 dBA < DNL ----------
2. Hospital, nursing home		$L_{10} \leq 55$ dBA		$55 < L_{10} \leq 65$ dBA		$65 < L_{10} \leq 80$ dBA		$L_{10} > 80$ dBA	
3. Residence, residential hotel, or motel	(7 AM to 10 PM)	$L_{10} \leq 65$ dBA		$65 < L_{10} \leq 70$ dBA		$70 < L_{10} \leq 80$ dBA		$L_{10} > 80$ dBA	
	(10 PM to 7 AM)	$L_{10} \leq 55$ dBA		$55 < L_{10} \leq 70$ dBA		$70 < L_{10} \leq 80$ dBA		$L_{10} > 80$ dBA	
4. School, museum, library, court, house of worship, transient hotel or motel, public meeting room, auditorium, out-patient public health facility		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)	
5. Commercial or office		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)		Same as Residential Day (7 AM-10 PM)	
6. Industrial, public areas only[4]	Note 4	Note 4		Note 4		Note 4		Note 4	

Notes:

(i) In addition, any new activity shall comply with Impact Thresholds detailed in Section 410.

[1] Measurements and projections of noise exposures are to be made at appropriate heights above site boundaries as given by American National Standards Institute (ANSI) Standards; all values are for the worst hour in the time period.

[2] Tracts of land where serenity and quiet are extraordinarily important and serve as important public need, and where the preservation of these qualities is essential for the area to serve its intended purpose. Such areas could include amphitheaters, particular parks or portions of parks, or open spaces dedicated or recognized by appropriate local officials for activities requiring special qualities of serenity and quiet. Examples are grounds for ambulatory hospital patients and patients and residents of sanitariums and nursing homes.

[3] One may use the FAA-approved DNL contours supplied by the Port Authority of New York and New Jersey (PANYNJ), or the noise contours may be computed from the federally approved Aviation Environmental Design Tool (AEDT) Computer Model using flight data supplied by the PANYNJ.

[4] External Noise Exposure standards for industrial areas of sounds produced by industrial operations other than operating motor vehicles or other transportation facilities are spelled out in the New York City Zoning Resolution, Sections 42-20 and 42-21. The referenced standards apply to M1, M2, and M3 manufacturing districts and to adjoining residence districts (performance standards are listed by octave bands).

Sources: New York City Department of Environmental Protection (adopted policy 1983).

Table 2.12-3: ***CEQR Technical Manual*** **Attenuation Values to Achieve Acceptable Interior Noise Levels**

	Marginally Unacceptable				Clearly Unacceptable
Vehicular Traffic	70 < L10 ≤ 73	73 < L10 ≤ 76	76 < L10 ≤ 78	78 < L10 ≤ 80	80 < L10
Aircraft[A]	65 < DNL ≤ 68	68 < DNL ≤ 71	71 < DNL ≤ 73	73 < DNL ≤ 75	75 < DNL
Train	65 < Ldn ≤ 68	68 < Ldn ≤ 71	71 < Ldn ≤ 73	73 < Ldn ≤ 75	75 < Ldn
Attenuation[B]	(i) 28 dB(A)	(ii) 31 dB(A)	(iii) 33 dB(A)	(iv) 35 dB(A)	See Note c

Note:

A. DNL descriptor based on average values of Ldn over a year period.

B. The above composite window-wall attenuation values are for residential dwellings and community facility development. Commercial office spaces and meeting rooms would be 5 dB(A) less in each category. All of the above categories require a closed window situation and hence an alternate means of ventilation.

C. The required attenuation value is the difference between Lbuild and Linterior, using the appropriate noise descriptor Where:
Lbuild is the projected noise level under the build condition rounded up to the whole number
Linterior is the designed interior noise level (45 dB(A) for vehicular noise, 40 dB(A) for aircraft and train noise)

Source: New York City of Environmental Protection

Notes:

1. The above composite window-wall attenuation values are for residential dwellings and community facility development. Commercial office spaces and meeting rooms would be 5 dB(A) less in each category. All the above categories require a closed window situation and hence an alternate means of ventilation.
2. Required attenuation values increase by 1 dB(A) increments for L10 values greater than 80 dBA.

2.12.1 Initial Impact Screening

Future No-Action Condition

The No-Action Condition for the Affected Area would be the same as the existing conditions. Lot 29 would continue to be developed with a 1.5-story, 500 GSF (0.08 FAR) one-family home, Lot 38 would continue to be improved with a 2-story, 952 GSF (0.23 FAR) two-family building, Lot 45 would continue to be improved with a 2-story, 600 GSF (0.15 FAR) warehouse, and the remaining nine lots would remain vacant.

Redevelopment is not considered feasible given the low density (1.00 FAR for residential uses and 2.00 FAR for community facility uses) permitted within the underlying R4 zoning district. Infrastructure improvements would also be required due to sewer capacity and flooding issues in the immediate area, and the costs associated with these improvements would make any development at this scale economically infeasible.

In addition, there are no records of building work permits submitted by the Applicant within the Affected Area. Therefore, it is conservatively assumed that under the No-Action Condition, existing conditions would continue on the Projected Development Site.

Future With-Action Condition

In the future with the Proposed Actions, the Applicant-owned Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR)

residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted.

Stationary Sources

The *2021 CEQR Technical Manual* states that based upon previous studies, unless existing ambient noise levels are very low and/or stationary source levels are very high (and there are no structures that provide shielding), it is unusual for stationary sources to have significant impacts at distances beyond 1,500 feet. A detailed analysis may be appropriate if the proposed project would: cause a substantial stationary source (i.e., unenclosed mechanical equipment for manufacturing or building ventilation purposes, playground, etc.) to be operating within 1,500 feet of a receptor, with a direct line of sight to that receptor; or introduce a receptor in an area with high ambient noise levels resulting from stationary sources, such as unenclosed manufacturing activities or other loud uses. Machinery, mechanical equipment, heating, ventilating and air-conditioning units, loudspeakers, new loading docks, and other noise associated with building structures may also be considered in a stationary source noise analysis. Impacts may occur when a stationary noise source is near a sensitive receptor and is unenclosed.

No unenclosed stationary noise sources of concern were observed during field inspections. As the Projected Development Site is not subject to high ambient noise levels from any nearby stationary source, no stationary source noise impacts from surrounding uses are anticipated. Additionally, it is assumed that the building mechanical systems (i.e., HVAC systems) would be designed to meet all applicable noise regulations (i.e., Subchapter 5, §24-227 of the New York City Noise Control Code, the New York City Department of Buildings Code) and to avoid producing levels that would result in any significant increase in ambient noise levels. Therefore, the Proposed Actions would not result in any significant adverse noise impacts related to building mechanical equipment.

Mobile Sources

Pursuant to Section 111 of the *2021 CEQR Technical Manual*, mobile sources are those noise sources that move in relation to a noise-sensitive receptor—principally automobiles, buses, trucks, aircraft, and trains. Each has its own distinctive noise character, and, consequently, an associated set of noise assessment descriptors. For mobile sources, an initial noise assessment may be appropriate if a proposed action would generate additional project-generated vehicular traffic in an area where roadways currently carry no or very low traffic volumes, or where a nearby receptor would potentially be impacted by high ambient noise levels.

Vehicular traffic is the predominant source of noise in the area. Therefore, the noise analysis presented in this chapter focuses on the operational noise effects of the Proposed Actions to determine the level of building attenuation necessary to ensure that interior noise levels satisfy CEQR requirements.

2.12.2 Noise Monitoring Results

Measurement Location and Equipment

Because the predominant noise sources in the area of the Proposed Project consist of vehicular traffic, noise monitoring was conducted during peak weekday vehicular travel periods (AM, Midday, PM) on a typical midweek day for 20-minute periods. Noise Monitoring Location One (1) was located at the street level along Sapphire Street, the western frontage of the Projected Development Site; Noise Monitoring Location Two (2) was located at the street level along 149th Avenue, the southern frontage of the Projected Development Site; Noise Monitoring Location Three (3) was located at the street level along 79th Street, the eastern frontage of the Projected Development Site. The noise monitoring locations are shown in **Figure 2.12-1** to **Figure 2.12-4** below.

Noise monitoring was conducted using a Type 1 Casella CEL-633 sound level meter with a wind screen. The monitor was placed on a tripod at a height of approximately five feet above the ground, away from any other noise-reflective surfaces. The monitor was calibrated prior to and following each monitoring session. Periods of peak vehicular around the Affected Area constitute a worst-case condition for noise at the Projected Development Site. Noise meter calibration certification and back up data are provided in **Appendix E**.

Figure 2.12-1: Noise Monitoring Locations

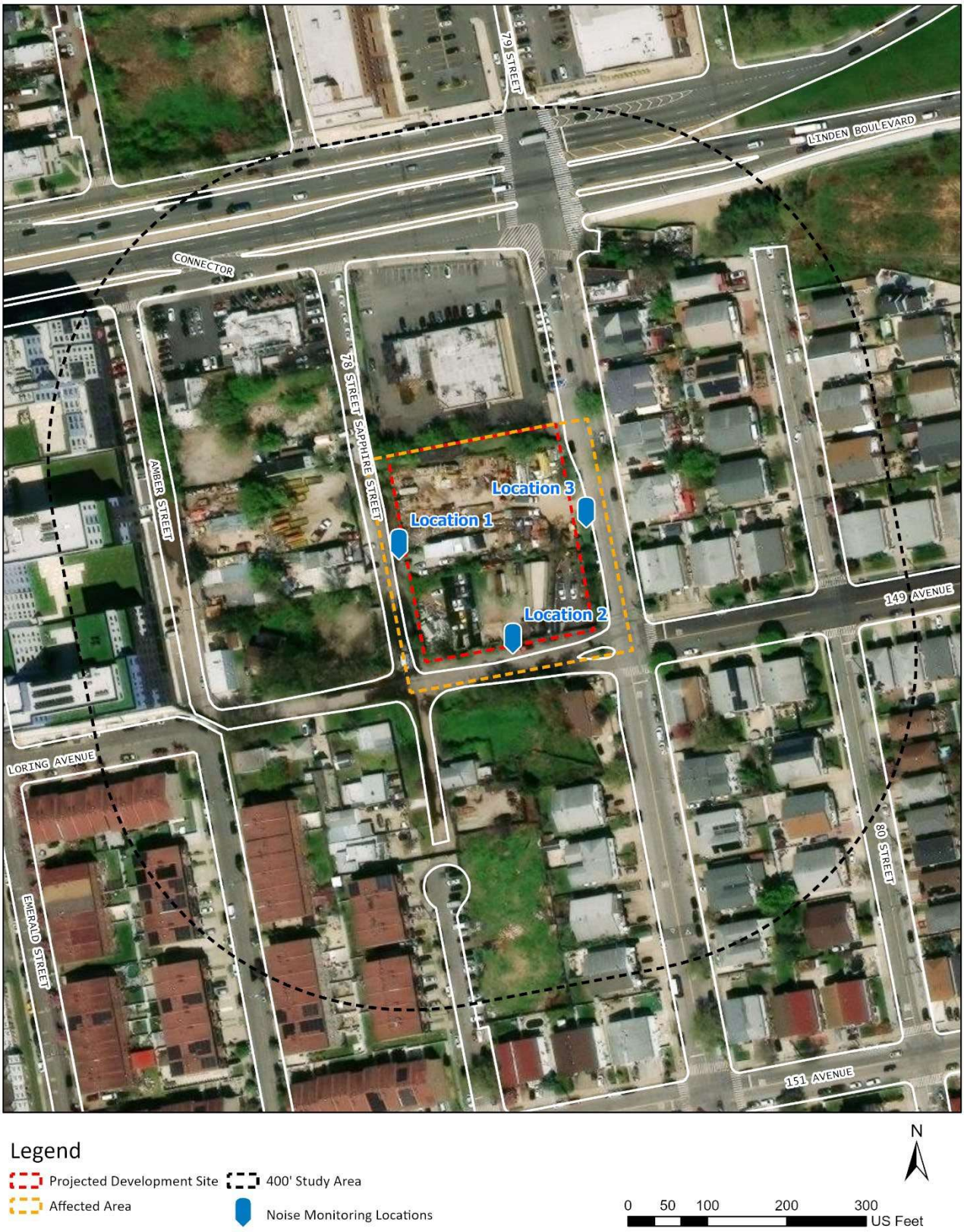


Figure 2.12-2: Location 1 – Noise Monitor Location Photos (Sapphire Street Frontage)



Figure 2.12-3: Location 2 – Noise Monitor Location Photos (149th Avenue Frontage)



Figure 2.12-4: Location 3 – Noise Monitor Location Photos (79th Street Frontage)



Existing Conditions

Monitoring was conducted during typical midweek conditions, on Thursday, September 12, 2024. The weather was dry and wind speeds were moderate during all monitoring periods. Traffic volumes and vehicle classification were documented during the noise monitoring**. Table 2.12-4** through **Table 2.12-6** below contain the results for the measurements taken at the noise monitoring locations.

Table 2.12-4: Noise Levels in dBA at Location 1

Thursday, September 12, 2024			
Time	**7:49 am – 8:09 am**	**12:15 pm – 12:35 pm**	**4:32 pm – 4:52 pm**
L_{max}	87.7	87.1	90.3
L_{10}	67.5	60.0	65.0
L_{eq}	66.7	58.5	64.4
L_{50}	56.5	52.0	55.0
L_{90}	51.0	49.0	52.0
L_{min}	48.0	46.2	49.3

Table 2.12-5: Noise Levels in dBA at Location 2

Thursday, September 12, 2024			
Time	**8:17 am – 8:37 am**	**12:36 pm – 12:56 pm**	**5:02 pm – 5:22 pm**
L_{max}	80.4	88.0	82.1
L_{10}	62.0	56.0	68.0
L_{eq}	59.7	59.5	65.3
L_{50}	52.5	47.0	62.5
L_{90}	48.5	45.0	54.0
L_{min}	46.7	43.9	51.1

Table 2.12-6: Noise Levels in dBA at Location 3

Thursday, September 12, 2024			
Time	**8:39 am – 8:59 am**	**12:58 pm – 1:18 pm**	**5:26 pm – 5:46 pm**
L_{max}	82.6	82.7	92.5
L_{10}	66.0	64.5	72.5
L_{eq}	62.4	62.4	68.7
L_{50}	56.0	53.5	61.5
L_{90}	50.0	49.5	55.0
L_{min}	45.9	46.0	49.5

The traffic volumes (vehicle counts) and vehicle classifications collected during peak vehicular travel periods (morning, midday, and evening) concurrent with noise monitoring at Location 1 through Location 3 are shown below in **Table 2.12-7** through **Table 2.12-9.**

Table 2.12-7: Traffic Volumes and Vehicle Classifications Noise Location 1

	7:49 am – 8:09 am	12:15 pm – 12:35 pm	4:32 pm – 4:52 pm
Car/ Taxi	3	0	4
Van/Light Truck/SUV	3	5	18
Medium Truck	3	1	0
Heavy Truck	1	0	1
Bus	0	0	0

Table 2.12-8: Traffic Volumes and Vehicle Classifications Noise Location 2

	8:17 am – 8:37 am	12:36 pm – 12:56 pm	5:02 pm – 5:22 pm
Car/ Taxi	2	1	7
Van/Light Truck/SUV	2	3	15
Medium Truck	2	1	2
Heavy Truck	0	0	0
Bus	0	0	1

Table 2.12-9: Traffic Volumes and Vehicle Classifications Noise Location 3

	8:39 am – 8:59 am	12:58 pm – 1:18 pm	5:26 pm – 5:46 pm
Car/ Taxi	16	9	15
Van/Light Truck/SUV	25	19	17
Medium Truck	2	1	0
Heavy Truck	1	2	0
Bus	0	0	0

2.12.3 Preliminary Noise Passenger Car Equivalent (PCE) Screening Analysis

Pursuant to Section 111 of the *2021 CEQR Technical Manual*, mobile sources are those noise sources that move in relation to a noise-sensitive receptor—principally automobiles, buses, trucks, aircraft, and trains. Each has its own distinctive noise character, and, consequently, an associated set of noise assessment descriptors.

For mobile sources, an initial noise assessment may be appropriate if a proposed action would generate additional project-generated vehicular traffic in an area where roadways currently carry no or very low traffic volumes, or where a nearby receptor would potentially be impacted by high ambient noise levels. Receptors are generally the subject of most noise impact analyses. A noise-sensitive location (known as a "receptor") is usually defined as an area where human activity may be adversely affected when noise levels exceed predefined thresholds of acceptability or when noise levels increase by an amount exceeding predefined thresholds of change.

Automobile noise is a function of vehicle speed and engine noise. With changing gears, the noise levels tend to increase in a sawtooth kind of pattern as vehicular speed increases. The interaction of the road surface with the tires generates noise that increases with vehicle speed. At vehicular speeds below 30 miles per hour, the typical automobile noise spectrum is dominated by engine noise. At speeds higher than 30 miles per hour, the automobile noise signature is composed of a combination of lower frequency engine noise and higher frequency tire noise. The engine and tire noise for vehicular speeds above 30 miles per hour are comparable in noise level. Noise generated by buses and heavy trucks is also composed of engine and tire noise, but tire noise tends to dominate the noise signature at vehicular speeds above 30 miles per hour in trucks and buses. Cargo load normally does not significantly affect noise levels because increased load usually results in decreased vehicular speed, and the effects cancel each other out. Because individual trucks and buses are noisier than individual automobiles, the concept of noise passenger car equivalents (PCEs) is used.

Pursuant to Section 332.1 of the *2021 CEQR Technical Manual*, the values below can be used to calculate vehicular noise using projections:

- Each Automobile or Light Truck: 1 Noise PCE
- Each Medium Truck: 13 Noise PCEs
- Each Bus: 18 Noise PCEs
- Each Heavy Truck: 47 Noise PCEs

A preliminary Noise PCE screening was conducted to determine if the Proposed Actions would result in an increase to existing Noise PCE values by 100 percent or more. This screening assesses the Noise PCE values of the vehicles projected to arrive on-site during school peak hours, compared to the Noise PCE values of existing background traffic recorded during noise monitoring.

Noise PCE Screening Location 1

This screening analysis was performed based on the total projected vehicular trip-ends projected in the Transportation Analysis Tier 1 Trip Generation Assessment as follows:

- Weekday AM Peak Hour: 105 auto trip-ends
- Weekday MD Peak Hour: 65 auto trip-ends
- Weekday PM Peak Hour: 94 auto trip-ends

The noise PCE screening applies the projected AM, midday, and PM peak hour project-generated vehicular trip-ends, converted to noise PCEs, to the AM, midday, and PM peak hour existing noise PCEs, respectively. The number of the project-generated vehicular trip-ends at different noise monitoring locations were determined by the Tier 2 Trip Assignment Assessment as part of the transportation analysis (See **Figure 2.10-1** through **Figure 2.10-4** in **Chapter 2.10 Transportation**). **Table 2.12-10**, **Table 2.12-11**, and **Table 2.12-12** below show the noise PCE Screening for Location 1, Location 2, and Location 3, respectively.

Per the *CEQR Technical Manual*, if existing PCE values are increased by 100 percent or more due to the Proposed Actions, a detailed analysis is generally performed. As indicated below in **Table 2.12-13**, the Proposed Actions would not increase existing noise PCE values by greater than 100 percent, and no further analysis is warranted.

Table 2.12-10: Existing/With-Action Noise PCEs Screen Location 1

Existing Noise PCEs						
	1-Hour Existing Vehicle Counts (AM)	Existing Noise PCE Value (AM)	1-Hour Existing Vehicle Counts (MD)	Existing Noise PCE Value (MD)	1-Hour Existing Vehicle Counts (PM)	Existing Noise PCE Value (PM)
Car/ Taxi	9	9	0	0	12	12
Van/Light Truck/SUV	9	9	15	15	54	54
Medium Truck	9	117	3	39	0	0
Heavy Truck	3	141	0	0	3	141
Bus	0	0	0	0	0	0
Total Noise PCE	-	**276**	-	**54**	-	**207**
With-Action Noise PCEs						
	Project-Generated Vehicle Trip-Ends (AM)	With-Action Noise PCE Value (AM)	Project-Generated Vehicle Trip-Ends (MD)	With-Action Noise PCE Value (MD)	Project-Generated Vehicle Trip-Ends (PM)	With-Action Noise PCE Value (PM)
Car/ Taxi	47	47	16	16	29	29
Van/Light Truck/SUV	9	9	15	15	54	54
Medium Truck	9	117	3	39	0	0
Heavy Truck	3	141	0	0	3	141
Bus	0	0	0	0	0	0
Total Noise PCE	-	**314**	-	**70**	-	**224**

Table 2.12-11: Existing/With-Action Noise PCEs Location 2

Existing Noise PCEs						
	1-Hour Existing Vehicle Counts (AM)	Existing Noise PCE Value (AM)	1-Hour Existing Vehicle Counts (MD)	Existing Noise PCE Value (MD)	1-Hour Existing Vehicle Counts (PM)	Existing Noise PCE Value (PM)
Car/ Taxi	6	6	3	3	21	21
Van/Light Truck/SUV	6	6	9	9	45	45
Medium Truck	6	78	3	39	6	78
Heavy Truck	0	0	0	0	0	0
Bus	0	0	0	0	3	54
Total Noise PCE	-	**90**	-	**51**	-	**198**
With-Action Noise PCEs						
	Project-Generated Vehicle Trip-Ends (AM)	With-Action Noise PCE Value (AM)	Project-Generated Vehicle Trip-Ends (MD)	With-Action Noise PCE Value (MD)	Project-Generated Vehicle Trip-Ends (PM)	With-Action Noise PCE Value (PM)
Car/ Taxi	44	44	19	19	38	38
Van/Light Truck/SUV	6	6	9	9	45	45
Medium Truck	6	78	3	39	6	78
Heavy Truck	0	0	0	0	0	0
Bus	0	0	0	0	3	54
Total Noise PCE	-	**128**	-	**67**	-	**215**

Table 2.12-12: Existing/With-Action Noise PCEs Location 3

Existing Noise PCEs						
	1-Hour Existing Vehicle Counts (AM)	Existing Noise PCE Value (AM)	1-Hour Existing Vehicle Counts (MD)	Existing Noise PCE Value (MD)	1-Hour Existing Vehicle Counts (PM)	Existing Noise PCE Value (PM)
Car/ Taxi	48	48	27	27	45	45
Van/Light Truck/SUV	75	75	57	57	51	51
Medium Truck	6	78	3	39	0	0
Heavy Truck	3	141	6	282	0	0
Bus	0	0	0	0	0	0
Total Noise PCE	-	**342**	-	**405**	-	**96**
With-Action Noise PCEs						
	Project-Generated Vehicle Trip-Ends (AM)	With-Action Noise PCE Value (AM)	Project-Generated Vehicle Trip-Ends (MD)	With-Action Noise PCE Value (MD)	Project-Generated Vehicle Trip-Ends (PM)	With-Action Noise PCE Value (PM)
Car/ Taxi	54	54	34	34	58	58
Van/Light Truck/SUV	75	75	57	57	51	51
Medium Truck	6	78	3	39	0	0
Heavy Truck	3	141	6	282	0	0
Bus	0	0	0	0	0	0
Total Noise PCE	-	**348**	-	**412**	-	**109**

Table 2.12-13: Noise PCE Screening Results

Peak Hour	No-Action/Existing	With-Action	Increment	% Increase
Location 1				
AM Noise PCEs	276	314	38	14%
MD Noise PCEs	54	70	16	30%
PM Noise PCEs	207	224	17	8%
Location 2				
AM Noise PCEs	90	128	38	42%
MD Noise PCEs	51	67	16	31%
PM Noise PCEs	198	215	17	9%
Location 3				
AM Noise PCEs	342	348	6	2%
MD Noise PCEs	405	412	7	2%
PM Noise PCEs	96	109	13	14%

2.12.4 Conclusion

The *CEQR Technical Manual* Table 19-2 contains noise exposure guidelines. For residential or community facility uses such as would occur under the Proposed Actions, an L_{10} of between 65 and 70 dB(A) is identified as marginally acceptable general external exposure. An L_{10} of between 70 and 80 dB(A) is identified as marginally unacceptable general external exposure.

The highest recorded L_{10} at Location 1 was 67.5 dB(A) during the morning period. The highest recorded L_{10} at Location 2 was 68.0 dB(A) during the evening period. The highest recorded L_{10} at Location 3 was 72.5 dB(A) during the evening period. Though field notes describe landscaping noise present at a

neighboring property as well as helicopter and idling truck noise near Location 3 during the evening period, for a more conservative result, the elevated L_{10} reading is still used for the noise attenuation determination.

To ensure that no significant adverse impacts related to noise occur as a result of the Proposed Actions, the following E-Designation would be placed on the Projected Development Site:

E-908

Block 11384 Lot 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42 and 45: To ensure an acceptable interior noise environment, future residential and/or commercial office uses must provide a closed window condition with a minimum of 28 dB(A) window/wall attenuation on the facade facing 79th Street, on the southern facade facing 149th Avenue within 50 feet of 79th Street and the northern facade facing Linden Blvd within 50 feet of 79th Street to maintain an interior noise level not greater than 45 dB(A) for residential uses or not greater than 50 dB(A) for commercial office use. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to, air conditioning.

With this E-designation, no significant adverse impacts related to noise would occur as a result of the Proposed Actions, and no further analysis is warranted.

2.13 Construction

Construction, although temporary, can result in disruptive and noticeable effects on a proposed action area. A determination of the significance of construction and the need for mitigation is based on the duration and magnitude of these effects. Construction is typically of greatest importance when it could affect traffic conditions, archaeological resources, and the integrity of historic resources, noise patterns, or air quality conditions. Based on the guidelines presented in the *2021 CEQR Technical Manual*, a preliminary construction analysis may be required because the future development facilitated by the Proposed Actions could result in:

- Construction activities lasting longer than 24 months;
- The operation of several pieces of diesel equipment in a single location at peak construction; and
- Construction activities along an arterial highway.

This chapter describes the preliminary construction plans for the Projected Development Site and assesses the potential for the Proposed Actions to result in significant adverse construction impacts in accordance with the *2021 CEQR Technical Manual*. Construction impacts, although temporary, can include noticeable and disruptive effects from an action that is associated with construction or could induce construction. Determination of the significance of construction impacts and the need for mitigation are generally based on the duration and magnitude of the impacts. Construction impacts are usually important when construction activity could affect traffic conditions, hazardous materials, archaeological resources, the integrity of historic resources, community noise patterns, and/or air quality conditions.

2.13.1 Proposed Project Description

In the future with the Proposed Actions, the Affected Area would be rezoned from an R4 zoning district to an R6A zoning district, which would permit the construction of residential and community facility uses with a larger bulk and a higher building height. The Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted around the building.

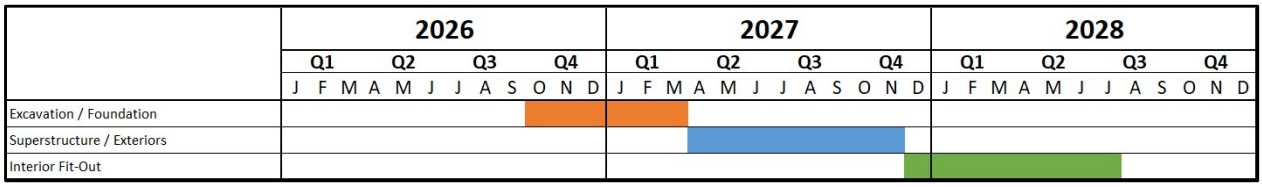
2.13.2 Proposed Construction Schedule

Construction activities associated with the Projected Development Site are assumed to be completed in 22 months. Construction activities on the Projected Development Site would be performed subject to relevant NYC Department of Transportation (DOT) and Department of Buildings (DOB) regulations to

ensure minimal construction related impacts. As shown in **Figure 2.13-1**, the Projected Development Site is assumed to start construction shortly after ULURP completion in 2026, with excavation and demolition through foundation activities for 6 months, superstructure core and shell for 8 months, and interior finishes and fit out for 8 months.

The development of the Projected Development Site is anticipated to commence in October 2026 with exterior work being completed by November 2027 and TCO/punch list completion in July 2028 (see **Appendix F** for the construction schedule and detailed equipment schedule). All exterior construction activities would last from October 2026 until November 2027, for a duration of 14 months; all interior finishes, inspections, and punch list items would be completed by July 2028. Because the construction activities would last for fewer than 24 months, the construction activities related to the Proposed Actions are considered short-term and the Proposed Actions are not expected to result in significant impacts to the adjacent community.

Figure 2.13-1: Anticipated Construction Schedule



2.13.3 Governmental Coordination and Oversight

The governmental oversight of construction in New York City is extensive and involves a number of city, state, and federal agencies. **Table 2.13-1** shows the main agencies involved in construction oversight and each agency's areas of responsibility. The primary responsibilities lie with New York City agencies. The DOB has the primary responsibility for ensuring that the construction meets the requirements of the New York City Building Code and that buildings are structurally, electrically, and mechanically safe. In addition, DOB enforces safety regulations to protect both construction workers and the public. The areas of responsibility include the enforcement of regulations pertaining to the installation and operation of construction equipment, such as cranes and lifts, sidewalk sheds, and safety netting and scaffolding. The New York City Department of Parks and Recreation (DPR) has oversight on tree protection and tree removal during construction. The New York City Department of Environmental Protection (DEP) enforces the New York City Noise Control Code (also known as Chapter 24 of the Administrative Code of the City of New York, or Local Law 113) and the DEP Notice of Adoption Rules for Citywide Construction Noise Mitigation (also known as Chapter 28), approves Remedial Action Plans (RAPs) and Construction Health and Safety Plans (CHASPs), regulates water disposal into the sewer system, and oversees dust control for construction activities. The New York City Fire Department (FDNY) has primary oversight for compliance with the New York City Fire Code and for the installation of tanks containing flammable materials. The DOT reviews and approves any traffic lane and sidewalk closures. The New York City Landmarks Preservation Commission (LPC) approves studies and testing to prevent loss of archaeological materials and to prevent damage to fragile historic structures.

Table 2.13-1: Construction Oversight in New York City

Agency	Area(s) of Responsibility
New York City	
Department of Buildings (DOB)	Primary oversight for Building Code and site safety
Department of Parks & Recreation (DPR)	Tree protection and removal
Department of Environmental Protection (DEP)	Noise, hazardous materials, dewatering, dust
Fire Department (FDNY)	Compliance with fire code, tank operation
Department of Transportation (DOT)	Traffic lane and sidewalk closures
Landmarks Preservation Commission (LPC)	Archaeological and historic architectural protection
New York State	
Department of Labor (DOL)	Asbestos workers
New York City Transit (NYCT)	Bus stop relocation; any subsurface construction within 200 feet of a subway
Department of Environmental Conservation (DEC)	Dewatering, hazardous materials, tanks, Stormwater Pollution Prevention Plan (SWPP), Industrial SPDES, if any discharge into the Hudson River.
United States	
Environmental Protection Agency (EPA)	Air emissions, noise, hazardous materials, toxic substances
Occupational Safety and Health Administration (OSHA)	Worker safety

At the state level, the New York State Department of Environmental Conservation (NYSDEC) regulates discharge of water into rivers and streams, disposal of hazardous materials, and construction, operation, and removal of bulk petroleum and chemical storage tanks. The New York State Department of Labor (NYSDOL) licenses asbestos workers. New York City Transit (NYCT) is in charge of bus stop relocations, and any subsurface construction within 200 feet of a subway. On the federal level, the U.S. Environmental Protection Agency (EPA) has wide ranging authority over environmental matters, including air emissions, noise emission standards, hazardous materials, and the use of poisons. Much of the responsibility is delegated to the state level. The U.S. Occupational Safety and Health Administration (OSHA) sets standards for work site safety and construction equipment.

2.13.4 Proposed Construction Activities

General Construction Practices

Hours of Work

Construction of the proposed building on the Projected Development Site would be carried out in accordance with New York City laws and regulations, which allow construction activities between 7:00 AM and 6:00 PM on weekdays, with most workers arriving between 6:00 AM and 7:00 AM. Normally work would end at 3:30 PM, but it can be expected that in order to complete certain critical tasks (e.g., finishing a concrete pour for a floor deck), the workday may occasionally be extended beyond normal work hours. Any extended workdays would generally last until approximately 6:00 PM and would not include all construction workers onsite, but only those involved in the specific task requiring additional work time.

Weekend or night work may also be occasionally required for certain construction activities, such as the erection of the tower crane. Appropriate work permits from DOB would be obtained for any necessary work outside of normal construction and no work outside of normal construction hours would be performed until such permits are obtained. The numbers of workers and pieces of equipment in operation for night or weekend work would typically be limited to those needed to complete the particular authorized task. Therefore, the level of activity for any weekend or night work would be less than that of a normal workday.

Deliveries, Access, and Staging Areas

Access to the Projected Development Site during construction would be fully controlled. The work areas would be fenced off and limited access points for workers and construction-related trucks would be provided. Construction workers are generally prohibited from parking their vehicles onsite during the construction period. Truck movements would be spread throughout the day and would generally occur between the hours of 6 AM and 3 PM, depending on the stage of construction. Material deliveries to the site would be controlled and scheduled. To aid in adhering to the delivery schedules, as is normal for building construction in New York City, flaggers would be employed at each construction gate. The flaggers could be supplied by the subcontractor on-site at the time or by the construction manager. The flaggers would control trucks entering and exiting the site so that they would not interfere with one another. In addition, they would provide an additional traffic aid as the trucks enter and exit the on-street traffic streams.

The DOT Office of Construction Mitigation and Coordination (OCMC) reviews and approves all maintenance and protection of traffic (MPT) plans which specify any planned sidewalk or lane closures and staging for all construction sites. MPT plans would be developed for any required temporary sidewalk, lane, and/or street closures to ensure the safety of the construction workers and the public passing through the area. Approval of these plans and implementation of the closures would be coordinated with DOT's OCMC. Measures specified in the MPT plans that are anticipated to be implemented would include parking lane closures, safety signs, safety barriers, and construction fencing.

Initial construction activity involves the siting of work trailers, installation of temporary power and communication lines, and the erection of site perimeter fencing.

Description of Construction Activities

Construction of large-scale buildings in New York City typically follows a general pattern. The first task is construction startup, which involves the siting of work trailers, installation of temporary power and communication lines, and the erection of site perimeter fencing. If a site has existing structures, the structures are demolished with some of the materials (such as concrete, block, and brick) either recycled or crushed on-site to be reused as fill and the debris taken to a licensed disposal facility. Hazardous materials remediation typically occurs at this point. Excavation of the soil is next along with the construction of the foundations. When the below-grade construction is completed, construction of the superstructure of the new building begins. As the core and floor decks of the building are being erected, installation of the mechanical and electrical internal networks would start. As the building progresses upward, the exterior cladding is placed, and the interior fit-out begins. During what is typically considered the busiest time of building construction, the upper core and structure is being built while mechanical/electrical connections, exterior cladding, and interior finishing are progressing on lower

floors. The following provides a description of each of the anticipated construction tasks for the Projected Development Site.

Construction Startup Tasks

Construction startup work prepares a site for the construction work and would involve the installation of public safety measures, such as fencing, sidewalk sheds, and Jersey barriers. For each proposed building, the construction site would be fenced off, typically with solid fencing to minimize interference between the persons passing by the site and the construction work. Separate gates for workers and for trucks would be installed, and sidewalk sheds and Jersey barriers would be erected. Trailers for the construction engineers and managers would be hauled to the site and installed within the Projected Development Site. On-site power generation capabilities would also be placed at this time where necessary.

Excavation and Foundation

The development on the Projected Development Site would require excavation for the proposed building's foundation. Excavators would be used to excavate soil, and the excavated materials would be loaded onto dump trucks for transport to a licensed disposal facility or for reuse on any portion of the Projected Development Site that needs fill. No blasting is anticipated for the construction of the Proposed Project. This stage of construction would include the construction of the foundation and below-grade elements of the proposed buildings. Piles would be installed with the use of drill rigs. If boulders are encountered during pile installation activities, the obstructions would be removed by a rock hammer. Concrete trucks would be used to pour the foundation and the below-grade structures. Excavation and foundation activities may also involve the use of rebar benders, generators, air compressors, cherry pickers, rock hammers, and saws.

Superstructure and Exterior Façade – Core and Shell Construction

The core is the central part of the building and is the main part of the structural system. It contains the building's beams and columns, as well as elevator shafts, vertical risers for mechanical, electrical, and plumbing systems, electrical and mechanical equipment rooms, and core stairs. The shell is the exterior of the building. Cranes would be brought into the construction area as needed and would be used to lift structural components, façade elements, and other large materials, and load and place materials into and on the building. Core and shell construction activities would also require the use of generators, concrete trowels, welders, saws, rebar benders, and a variety of small handheld tools. In addition, temporary construction elevators (hoists) would be used for the vertical movement of workers and materials during this stage of construction.

Interior Fit-Out

Interior fit-out activities would typically include the construction of interior partitions, installation of lighting fixtures, and interior finishes (e.g., flooring, painting, etc.), and mechanical and electrical work, such as the installation of elevators and lobby finishes. Final cleanup and touchup of the buildings and final building system (e.g., electrical system, fire alarm, plumbing, etc.) testing and inspections would be part of this stage of construction. Equipment used during this stage of construction would include hoists, delivery trucks, and a variety of small handheld tools. In addition, grid power is expected to be available during this stage of construction although generators may be needed for welding operations. Interior fit out activities would typically be the quietest period of construction in terms of its effect on the public,

because most of the construction activities would occur inside the buildings with the façades substantially complete and the proposed building.

Number of Construction Workers and Material Deliveries

The number of workers and truck trips associated with material deliveries vary with the scale of the project and the general construction task. **Table 2.13-2** below shows the estimated number of workers and deliveries to the Projected Development Site by calendar quarter for all construction activities, based on the construction schedule provided in **Figure 2.13-1**. As shown below in **Table 2.13-2**, the average number of workers would be approximately 96 per day throughout the construction period and the average number of trucks would be approximately 12 per day. The number of daily workers and construction trucks would peak in the second and third quarters of 2027.

Table 2.13-2: **Average Number of Daily Construction Workers and Trucks by Year and Quarter**

Year		2026				2027				2028			
Quarter		1	2	3	4	1	2	3	4	1	2	3	4
Total	Workers	-	-	-	39	39	130	130	121	103	103	103	-
	Trucks	-	-	-	15	15	16	16	13	8	8	8	-

	Project Total	
	Peak	Average
Construction Workers	130	96
Construction Trucks	16	12

2.13.5 Potential Impacts of the Proposed Actions

Similar to many development projects in NYC, construction can cause temporary disruption to the surrounding area throughout the construction period. The following analyses describe potential construction impacts on transportation, air quality, noise and vibration, as well as other technical areas including land use and neighborhood character, community facilities, open space, historic and cultural resources, and hazardous materials.

Construction Transportation

Traffic

Similar to other construction projects in New York City, most of the construction activity at the Projected Development Site is expected to take place during the typical construction shift of 7:00 AM to 3:30 PM. The estimated daily vehicle trips were distributed throughout the workday based on projected work shift allocations and conventional arrival/departure patterns of construction workers and trucks. While construction truck trips would be made throughout the day (with more trips typically made during the early morning), construction workers would typically commute during the hours before and after the work shift. For analysis purposes, each truck delivery was assumed to result in two truck trips during the same hour (one "in" and one "out"), and each truck trip was assumed to have a passenger car equivalent (PCE) of 2.0, consistent with *2021 CEQR Technical Manual* guidance. For construction workers, the majority (80 percent) of arrival and departure trips are expected to take place during the hour before and after each

shift. For construction trucks, deliveries would typically peak during the early morning, with an estimated 25 percent overlapping with construction worker arrival traffic.

Based on the reverse-journey-to-work census data for workers in the construction occupations, it is anticipated that construction workers' travel to the Projected Development Site would be primarily by auto (approximately 62.5 percent), with smaller numbers using public transit and walking (approximately 34.3 percent including bus and subway) and walking (approximately 3.1 percent). It is also estimated that auto occupancy would average approximately 1.20 persons per vehicle per 2000 AASHTO CTPP reverse-journey-to-work census data for workers in excavation and construction occupations for Queens Census Tracts 44.01, 44.02, 58, 62, 88, 884, 892 and Brooklyn Census Tracts 1208 and 1220. These trip generation assumptions were used as the basis for assessing the potential transportation-related impacts during construction.

Table 2.13-3 shows a forecast of hourly construction worker auto and construction truck trips in the second and third quarter (Q2 and Q3) of 2027, which would have the peak number of daily workers and construction trucks based on the assumptions described above. As shown in the **Table 2.13-3**, it is estimated that peak construction activities would result in a maximum of 70 PCEs between 6:00 AM and 7:00 AM during Q2 and Q3 of 2027. For the 3:00 PM to 4:00 PM period, there would be 56 PCEs associated with construction activities.

Table 2.13-3: Q2 and Q3 2027 Peak Construction Vehicle Trip Projections (in PCEs)

Time Period	Workers – Auto Trips			Truck Trips (PCEs)			Total
	In	Out	Total	In	Out	Total	
6-7AM	54	0	54	8	8	16	70
7-8AM	14	0	14	3	3	6	20
8-9AM	0	0	0	3	3	6	6
9-10AM	0	0	0	3	3	6	6
10-11AM	0	0	0	3	3	6	6
11AM-12PM	0	0	0	3	3	6	6
12-1PM	0	0	0	3	3	6	6
1-2PM	0	0	0	2	2	4	4
2-3PM	0	4	4	2	2	4	8
3-4PM	0	54	54	1	1	2	56
4-5PM	0	10	10	1	1	2	12
Daily Total	***68***	***68***	***136***	***32***	***32***	***64***	***200***

Figure 2.13-2 and **Figure 2.13-3** show the assignment of construction peak hour vehicle trips to the study area street network during the 6 to 7 AM and 3 to 4 PM construction peak hours. Although construction workers would likely park on-street or in nearby off-street public parking facilities located in proximity to the Projected Development Site and would therefore be dispersed throughout the surrounding street network, all construction worker autos were conservatively assigned to the streets with legal on-street parking immediately adjacent to the site, thereby concentrating these trips at intersections in the Projected Development Site's immediate vicinity. As shown in **Figure 2.13-2** and **Figure 2.13-3**, no intersection would experience 50 or more PCEs during either of the construction peak hours, and

therefore no further analysis of construction traffic conditions is warranted and the Proposed Actions are not expected to result in significant adverse construction traffic impacts.

Figure 2.13-2: Construction AM Peak Hour (6 – 7 AM) Traffic Assignments (in PCEs)

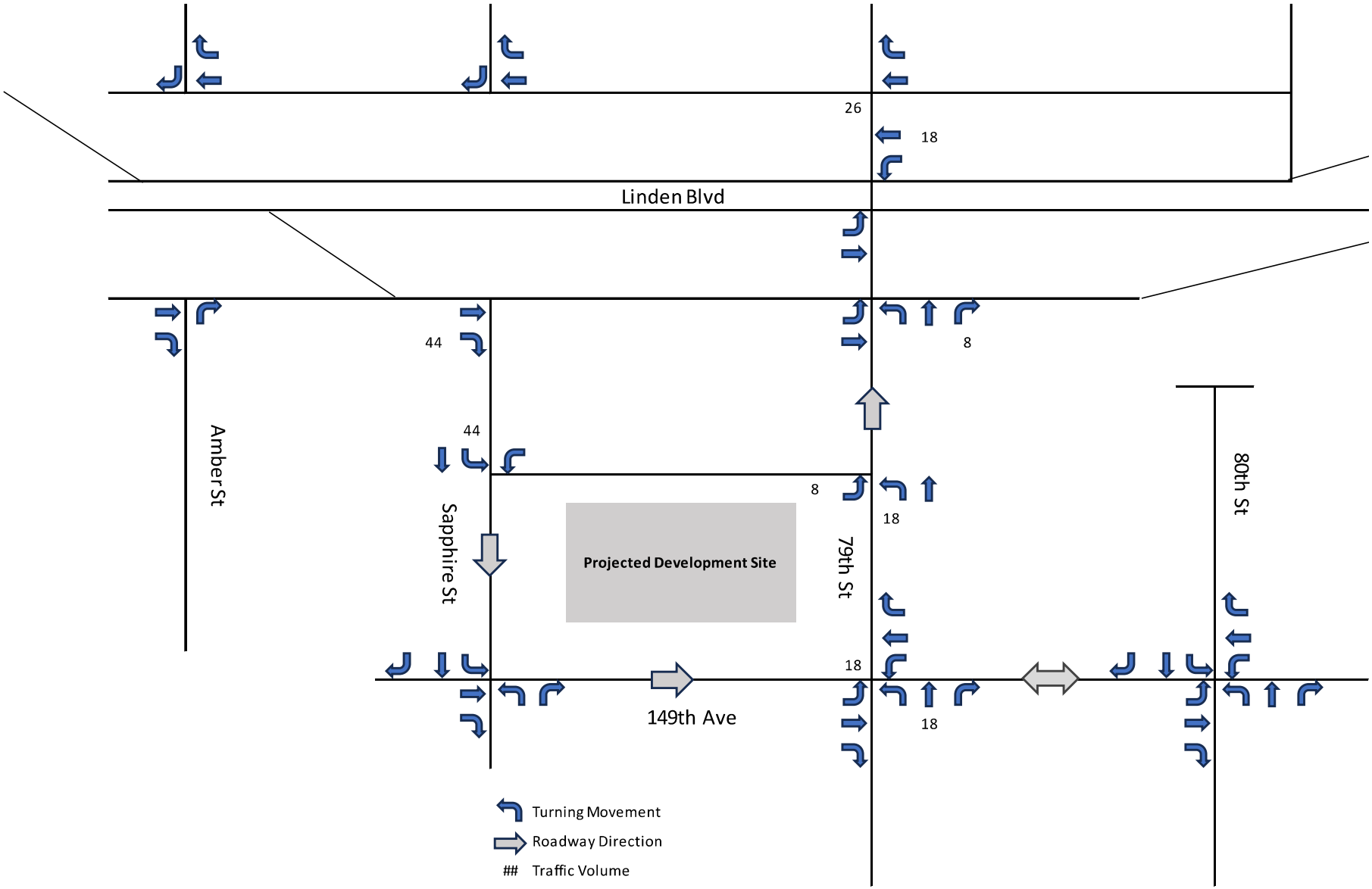
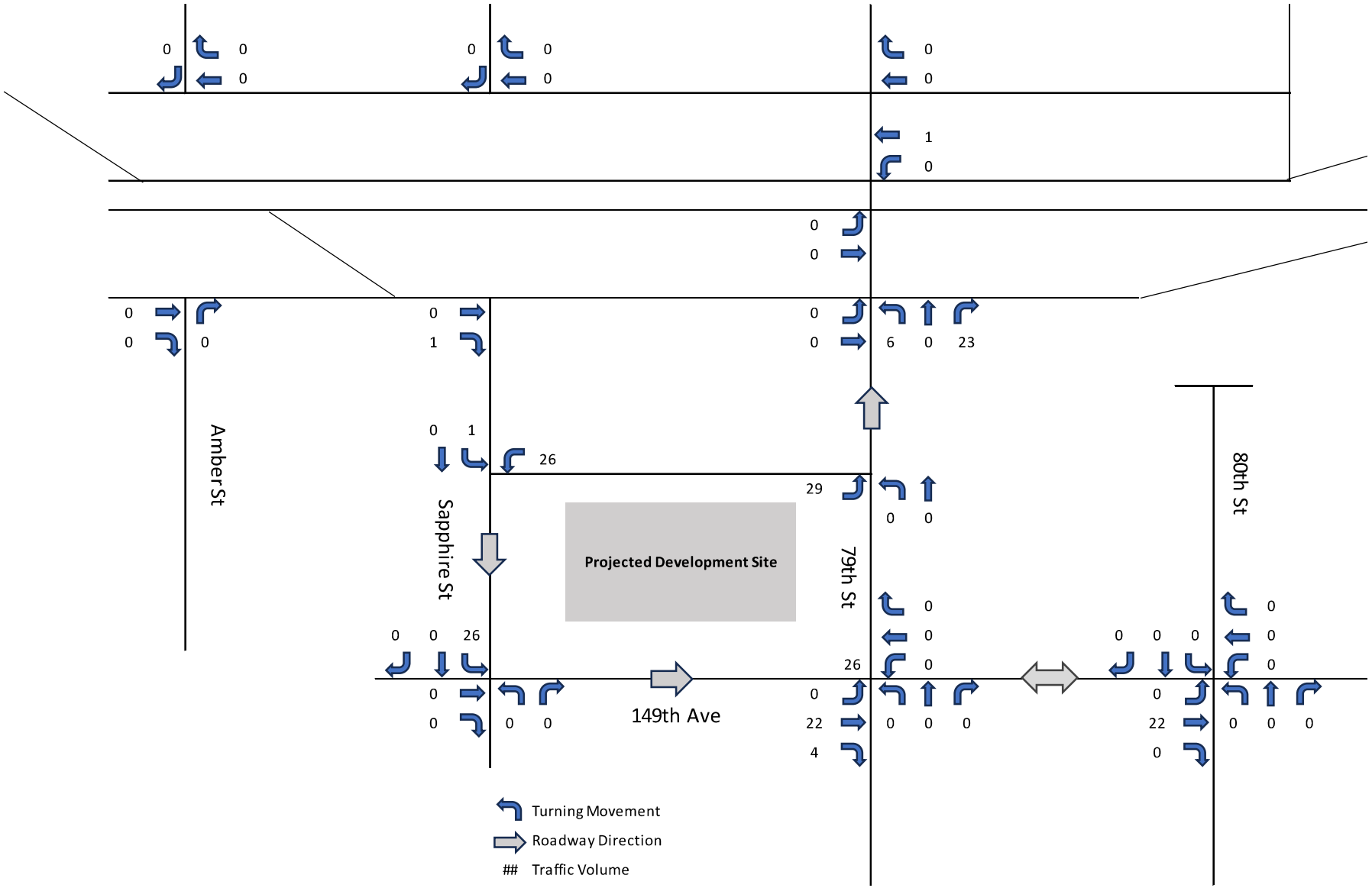


Figure 2.13-3: Construction PM Peak Hour (3 – 4 PM) Traffic Assignments (in PCEs)



Curb Lane Closures and Staging

Construction staging would most likely occur on the Projected Development Site and may extend within portions of sidewalks, curbs and travel lanes of public streets adjacent to the Projected Development Site. Similar to many other construction projects in New York City, temporary curb lane and sidewalk closures are expected to be required to be adjacent to the Projected Development Site, which would have dedicated gates, driveways, or ramps for delivery vehicle access. It is anticipated that construction activity would mostly take place within the Projected Development Site, and within portions of Sapphire Street, 149th Avenue, and 79th Street. Any sidewalk or street closures would require the approval of the DOT OCMC, the entity that ensures critical travel arteries are not interrupted, especially in peak travel periods.

Flag persons are expected to be present at active Projected Development Site driveways, where needed, to manage the access and movement of trucks to ensure no on-street queueing. Some of the site deliveries may also occur along the perimeter of the construction site within delineated closed-off areas for concrete pour or steel delivery.

Transit and Pedestrians

As discussed above and shown in **Table 2.13-2**, an average of approximately 91 construction workers would travel to and from the Projected Development Site each day in the second and third quarter of 2027 peak construction periods. As also discussed above, a total of approximately 34.3 percent of construction workers are expected to travel to and from the site by public transit (subway or bus). It is also anticipated that 3.1 percent of construction workers would travel to and from the project by walking or taking other modes. In addition, it is estimated that approximately 80 percent of all construction workers would arrive and depart in the peak hour before and after each shift. Therefore, it is estimated that approximately 36 and 3 of these trips, a combined 39 pedestrian trips, would occur in each of the 6:00 AM to 7:00 AM and 3:00 PM to 4:00 PM construction peak hours.

As peak transit demand from construction workers on the Projected Development Site would not meet the 200 trips/hour *2021 CEQR Technical Manual* analysis threshold for a detailed subway analysis, nor the 50 trips/hour/direction analysis threshold for a detailed bus analysis, significant adverse impacts to subway and bus services would not occur in the construction peak hours during the second and third quarter of 2027 construction period. In addition, peak pedestrian demand would not meet the 200 trips/hour *2021 CEQR Technical Manual* analysis threshold for detailed pedestrian analysis and significant impacts would not occur. During construction, if sidewalk closures are required, adequate protection or temporary sidewalks would be provided in accordance with DOT-OCMC requirements.

Parking

Of the estimated 130 construction workers who would travel to the Projected Development Site daily during the second and third quarter of the 2027 peak construction period, approximately 62.5 percent are expected to travel by private auto. Based on an average auto occupancy of 1.20 persons per auto, the maximum daily parking demand from construction workers would total approximately 68 spaces. As it is assumed that there would be no on-site parking until completion of the Proposed Project, it is anticipated that construction workers would park on-street or in nearby off-street public parking facilities located in proximity to the Projected Development Site during this period. Under *2021 CEQR Technical Manual* guidance, the inability of the Proposed Project or the surrounding area to accommodate future parking

demands would be considered a parking shortfall but would generally not be considered significant due to the magnitude of available alternative modes of transportation. Therefore, should any parking shortfall occur due to incremental demand from construction workers during the second quarter of the 2027 peak construction period, it would not be considered a significant adverse parking impact based on *2021 CEQR Technical Manual* guidance.

Construction Air Quality

The need for a quantitative air quality analysis is determined by several factors, such as the type of construction activity and the construction equipment used, the duration of any heavy construction activity, the physical relationship of the Projected Development Site to nearby sensitive receptors (e.g., residential, hospital, school), and the commitment to use emission control measures.

The level of construction activity would vary among the stages of construction. On the Projected Development Site, the excavation and foundation work stage (first segment) would last approximately six months (October 2026 to March 2027). Following the construction's first segment, the superstructure and exterior envelope build-out stage would last eight months (April 2027 to November 2027). The interior fit-out would last approximately eight months (December 2027 to July 2028). In total, construction under the Proposed Actions is anticipated to last approximately 22 months (October 2026 to July 2028) on the Projected Development Site.

The emissions generated in the excavation and foundation stage are mainly related to on-site non-road diesel equipment, truck emissions, and particulate matter (as fugitive dust) generated by excavation and earth-moving operations. Generally, there is significantly more particulate emission during the excavation and foundation stage of the construction. In addition to on-site emission sources, the construction air quality analysis also accounted for the emissions of construction-related on-road trucks and workers' vehicles traveling on streets adjacent to the site.

Though the construction activities would involve heavy-duty diesel equipment and earth-moving operations and there are sensitive receptors near the Projected Development Site, the construction phase would last less than two years, which is considered short-term and would not have significant adverse impacts on the air quality. Therefore, no further analysis is required, and the following emission reduction measures are recommended during the construction periods to help control the construction-related emissions on the Projected Development Site.

Emission Reduction Program

Emission reduction measures concerning dust suppression measures, idling vehicles, and use of clean fuel would be implemented to reduce pollutants emissions. The following emission reduction measures are specified in the New York City Air Pollution Code (New York City Administrative Code and Rules of the City of New York (RCNY)):

- *Dust Control.* Dust suppression measures would be implemented. Such actions would include, but not be limited to, wetting of construction material and particulate matter kept on-site (e.g., soil or debris piles), wetting where certain construction activities (e.g., drilling and grinding) occur, covering of spoil or loose material during transport and wetting of material before loading into trucks, removal of dust from adjacent streets and sidewalks, and requiring that vehicles entering or exiting the site travel at low speed.

- *Restrictions on Vehicle Idling.* Idling restrictions require that no motor vehicle idle for longer than three minutes unless the engine is used to operate a loading, unloading, or processing device (e.g., concrete mixing trucks and concrete pump trucks).

- *Diesel Equipment Reduction.* Construction of the proposed development would minimize the use of diesel engines and maximize the use of electric motors to the extent practicable. This would reduce the need for on-site generators and require using electric motors instead of diesel where feasible. Nonroad construction equipment utilizing line-electric power instead of diesel engines includes but may not be limited to hoists, compressors, and rebar benders.

- *Clean Fuel.* The EPA regulates the use of USLD under diesel fuel regulations. Ultra-low-sulfur diesel (ULSD) would be used for all diesel-fueled nonroad equipment. The sulfur content in ULSD is 15 parts per million (ppm).

Construction Noise

Potential impacts on community noise levels during the construction of the Projected Development Site could result from construction equipment operation and construction trucks and worker vehicles traveling to and from the Projected Development Site. Noise levels at a given location are dependent on the type and number of pieces of construction equipment operated, the acoustical utilization factor of the equipment (i.e., the percentage of time a piece of equipment is operating at full power), the distance from the construction site, and any shielding effects (from structures such as buildings, walls, or barriers). Noise levels from construction activities would vary widely, depending on the stage of construction and the location of the construction relative to receptor locations as described below. The most noise-intensive construction activities would not occur every day or every hour on those days that they would occur. During hours when the loudest pieces of construction equipment are not in use, receptors would experience lower construction noise levels. Construction noise levels would fluctuate during the construction period at each receptor, with the greatest levels of construction noise occurring for limited periods. The most substantial construction noise sources are expected to be impact equipment such as excavators with hydraulic break rams and paving breakers, as well as the movements of trucks.

Construction noise is regulated by the requirements of the *New York City Noise Control Code* (also known as Chapter 24 of the *Administrative Code of the City of New York*, or Local Law 113) and the DEP Notice of Adoption of Rules for Citywide Construction Noise Mitigation (also known as Chapter 28). These requirements mandate that specific construction equipment and motor vehicles meet specified noise emission standards; that construction activities be limited to weekdays between the hours of 7:00 AM and 6:00 PM; and that construction materials be handled and transported in such a manner as not to create unnecessary noise. For weekend and after-hour work, permits would be required, as specified in the *New York City Noise Control Code*. As required under the *New York City Noise Control Code*, a site-specific noise mitigation plan for the Projected Development Site would be developed and implemented that may include source and path controls.

Construction Noise Analysis Fundamentals

The *2021 CEQR Technical Manual* states that an assessment of construction noise is warranted if a proposed project's construction activities include any of the following:

- Is considered long-term construction (greater than two years);
- Is located near sensitive receptors;
- Involves the construction of multiple buildings where there is a potential for on-site receptors on buildings to be completed before the final build-out.

The construction that would occur as a result of the Proposed Actions is not considered long-term construction, which would last for a total of approximately 22 months at the Projected Development Site (see **Figure 2.13-1** above). There is only one Applicant-Controlled Projected Development Site, and there would not be potential for on-site receptors on the building to be completed before the final build-out.

The Affected Area is located in the Lindenwood neighborhood of Queens Community District 10. The area surrounding the Affected Area is predominantly residential, commercial, and vacant lands. As a result, the Projected Development Site is located near various sensitive receptors, such as one mixed residential and commercial building and two elevator apartment buildings on Block 4496, which is two blocks to the west of the Affected Area.

Per the *2021 CEQR Technical Manual*, construction noise, generated by pile driving, truck traffic, blasting, demolition, etc., is generally analyzed only when it affects a sensitive receptor over a long period of time. Based upon experience, unless ambient noise levels are very low and/or construction source levels are very high, and there are no structures that provide shielding, it is unusual for construction sources to have significant impacts at distances beyond 1,500 feet in New York City. Therefore, further analysis should be performed if the Proposed Actions would cause construction equipment to be operating within 1,500 feet of a receptor for a period of time exceeding two years.

The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue to the south, and Sapphire Street to the west. Linden Boulevard (part of New York State Route 27) is a 170-foot-wide, west-east principal arterial road with six moving lanes of traffic (three westbound lanes and three eastbound lanes separated by a median strip) and two local service roads. 79th Street is an 80-foot-wide south-to-north one-way local road with two moving lanes of traffic and curbside parking. 149th Avenue is a 70-foot-wide west-to-east one-way local road with a single moving lane of traffic and curbside parking. Sapphire Street is a 60-foot-wide north-to-south one-way local road with a single moving lane of traffic and curbside parking. Both Sapphire Street and 149th Avenue are dilapidated roads where they are adjacent to the Affected Area, with broken asphalt and overgrown weeds encroaching on the roadway.

The adjacent roadway (Linden Boulevard) on the north of the Affected Area is a busy atypical wide road with heavy traffic volumes, creating ambient noise levels that are higher than the average noise levels in the City. In addition, the most noise-intensive construction activities would concentrate on the excavation and foundation work stage (first segment), which would last for a total of 6 months on the Projected Development Site and is considered short-term. To reduce the potential for impacts from the construction activities on the nearby noise sensitive receptors, the following noise reduction measures would be incorporated during the construction.

Noise Reduction Measures

The construction of the Projected Development Site would be required to follow the requirements of the New York City Noise Control code (known as Chapter 24 of the Administrative Code of the City of New

York, or Local Law 113) for construction noise control measures. Specific noise control measures would be incorporated into a Noise Mitigation Plan required under the New York City Noise Code. The measures to be taken for noise control include source controls and path controls.

Source controls are known as measures that reduce noise at the source. The following source controls included under New York regulations would be implemented:

- Equipment that meets the sound level standards specified in Subchapter 5 of the New York City Noise Control Code would be utilized during the entirety of construction;
- As electric power is expected to be available throughout the Projected Development Site, electrically powered equipment such as welders and saws would be used over diesel-powered equipment, where feasible and practicable;
- The construction site would be configured to minimize backup alarm noise where possible. Additionally, trucks would not be allowed to idle more than three minutes at the Projected Development Site based upon Title 24, Chapter 1, Subchapter 7, Section 24-163 of the New York City Administrative Code; and
- Contractors and subcontractors would be required to properly maintain their equipment and mufflers.

Path controls are known as measures that reduce noise between the source and receptor. Examples include placement of equipment, implementation of barriers, etc. The following path controls included under New York regulations would be utilized at the Projected Development Site during construction:

- Equipment with high noise emissions, such as cranes and concrete trucks, would be located away from and shielded from sensitive receptor locations when possible;
- Path noise control measures such as portable noise barriers and enclosures would be utilized where feasible for certain dominant noise equipment such as generators and compressors.
- Truck deliveries would take place behind these barriers where possible.

With the adherence to existing construction noise regulations, the Proposed Actions would not result in significant adverse construction noise impacts.

Other Technical Areas

Land Use and Neighborhood Character

Construction activities would affect land use within the Affected Area but would not alter surrounding land uses. As is typical with construction projects, during periods of peak construction activity, there would be some disruption, predominantly noise, to the nearby area. There would be construction trucks and construction workers coming to the Projected Development Site. These disruptions would be temporary in nature and would have limited effects on land uses within the surrounding area, particularly as most construction activities would take place within the Projected Development Site or within portions of sidewalks, curbs, and travel lanes of public streets immediately adjacent to the site. Overall, while the construction on the Projected Development Site would be evident to the local community, the temporary nature of construction would not result in significant or long-term adverse impacts on local land use patterns or the character of the nearby area.

Community Facilities

No community facilities would be directly affected by construction activities for an extended duration. the Projected Development Site would be surrounded by construction fencing and barriers that would limit the effects of construction on nearby facilities. Construction workers would not place any burden on the nearby community facilities and would have minimal, if any, demands on the community facilities in the area.

Open Space

There are no publicly accessible open spaces within the Affected Area and no open space resources would be used for staging or other construction activities. Therefore, no adverse construction-related impacts would occur on open space.

Historic Resources

In order to determine whether the Proposed Actions have the potential to affect nearby off-site historic or architectural resources, a 400-foot study area was screened for historic and architectural resources. As shown in **Chapter 2.6 Historic and Cultural Resource**, the 400-foot study area from the Affected Area doesn't contain any buildings of known architectural significance. Therefore, no significant adverse construction-related impacts on historic resources would occur as a result of the Proposed Actions.

Hazardous Materials

The Proposed Actions would result in new development in the Affected Area. As such, a hazardous materials assessment was undertaken, as presented in **Chapter 2.8 Hazardous Materials** above. As discussed in the section, several RECs were identified on the Projected Development Site. During the construction period, all contaminants and contaminated materials, if any, are expected to be removed in accordance with environmental regulations. As a result, no significant adverse impacts related to hazardous materials would occur.

Conclusion

As analyzed above, construction-related activities would not have significant adverse impacts on Transportation, Air Quality, Noise, or other technical areas as a result of the Proposed Actions. Therefore, no further analysis is warranted.

2.14 Disadvantaged Community Assessment

Introduction

Effective December 30, 2024, Section 8-0109(2)(k) of the New York State Environmental Conservation Law requires that this Environmental Assessment Statement (EAS) include a statement of the effects of the Proposed Actions on disadvantaged communities, including whether the action may cause or increase a disproportionate pollution burden. The *2021 CEQR Technical Manual* does not provide guidance regarding the scope of this analysis. On January 29, 2025, the New York State Department of Environmental Conservation (NYSDEC) proposed a rule that provides additional considerations regarding this new statutory provision. This assessment of effects on disadvantaged communities considers the impacts that have been assessed using the CEQR Technical Manual guidance.

Methodology

Disadvantaged communities (DAC) in New York State were identified based on criteria adopted in 2023 by the Climate Justice Working Group (CJWG), a group composed of representatives from State Agencies and Environmental Justice groups across the State. The CJWG used 45 indicators to identify 35 percent of Census Tracts within New York State as DACs. The criteria include multiple indicators that represent the environmental burdens or climate change risks within a community, or population characteristics and health vulnerabilities that can contribute to more severe adverse effects of climate change. Each Census Tract was scored based on relative burden, risk, vulnerability, or sensitivity. Specifically, the percentile ranks of the indicators for each Census Tract were combined to produce a value measuring a Census Tract's relative level of "Environmental Burdens and Climate Change Risks" as well as "Population Characteristics and Health Vulnerabilities" relative to other Census Tracts. Census Tracts with higher scores relative to other Census Tracts statewide or to their region (i.e., New York City) were identified as DACs, using NYSDEC's Disadvantaged Community Assessment Tool (DACAT).

2.14.1 Preliminary Assessment

The Proposed Actions include rezoning of the Affected Area (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45) from an R4 zoning district to an R6A zoning district and the establishment of an MIH Area coterminous with the Affected Area. The Projected Development Site includes Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45. Except for Lot 45, all the other lots within the Projected Development Site are owned by the Applicant. It should be noted that the Applicant is currently in contract on Lot 45 and the lot will be acquired by the Applicant before the construction begins. Combined, the twelve lots consist of approximately 55,173 sf, with nine vacant and unimproved lots and three developed lots. Lot 29 is improved with a 1.5-story, 500 GSF (0.08 FAR) one-family home; Lot 38 is improved with a 2-story, 952 GSF (0.23 FAR) two-family home; and Lot 45 is improved with a 2-story, 600 GSF (0.15 FAR) warehouse.

Given that the Projected Development Site is underutilized in the existing conditions, the With-Action Condition under the RWCDS would reach its full development potential in the proposed R6A zoning district. The proposed building would reach the maximum permitted total FAR of 3.90 and the maximum permitted building height of 95 feet. The average dwelling unit size is assumed to be 850 GSF. 20-30% of the proposed dwelling units are assumed to be permanently affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. Since the Projected Development Site is located beyond the Greater

Transit Zone, accessory off-street parking spaces would be provided at the cellar level with the combined number of 50% of market-rate units and 25% of affordable units.

Projected Development Site (Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45)

Similar to the Applicant's Proposed Project, the lots would be combined and developed with a multifamily residential building. The Projected Development Site would have a combined lot area of approximately 55,173 sf and would be developed with a new 9-story plus cellar, 95-foot-tall (reaching a total building height of 105 feet inclusive of a 10-foot mechanical bulkhead), 287,592 GSF (215,173 ZSF, 3.90 FAR) residential building, which would consist of approximately 55,205 GSF of parking at the cellar level and 232,387 GSF (215,173 ZSF, 3.90 FAR) of residential uses above grade. The building would provide 273 dwelling units (assuming 850 GSF per dwelling unit), 20-30% (55-82 units) of which would be affordable at an average of 40-80% AMI pursuant to MIH Option 1, 2, or 3. A below-grade off-street parking garage would contain 120 residential accessory vehicular parking spaces and 120 enclosed bicycle parking spaces, which would be accessible from both 79th Street and Sapphire Street. The cellar level would be wet flood-proofed with FEMA-approved foundation flood vents. In addition, the building would have a residential entrance on 79th Street and an interior court for the outdoor enjoyment of the residents. New sidewalks would be paved, and new street trees would be planted around the building.

The Affected Area is located on the southern portion of Block 11384, which is bounded by Linden Boulevard to the north, 79th Street to the east, 149th Avenue (Loring Avenue) to the south, and Sapphire Street to the west in the Lindenwood neighborhood of Queens Community District 10. As shown in **Figure 2.14-1** below, the Affected Area is located within a disadvantaged community identified as having comparatively lower burdens and vulnerabilities (Census Tract ID 36081006202). This disadvantaged community is an irregularly shape area generally bounded by 78th Street to the west, North Conduit Avenue to the north, 84th Street to the east, and Belt Parkway West to the south. Accordingly, an assessment of potential impacts is provided below.

As detailed in **Section 2.8 Hazardous Materials**, Phase I ESA revealed evidence of several RECs in connection with the Projected Development Site. Therefore, a Phase II ESA is required to conduct subsurface investigations to confirm the presence and extent of the contamination. It is anticipated that Phase II ESA testing will require site investigative work in multiple locations on the Projected Development Site, which is currently occupied by two residential buildings and storage for construction vehicles/equipment. The portion of the site that is utilized for construction vehicles/equipment storage is currently leased to a private tenant and access to the site for Phase II testing would not be permitted per the current lease agreement. As such, Phase II ESA testing is infeasible at this time and an (E) Designation is required to undertake the Phase II ESA testing once the Projected Development Site is vacated following approval of the Proposed Actions. The (E) Designation will ensure that testing and mitigation will be provided as necessary before any future development and/or soil disturbance occurs, as well as to ensure the maintenance and oversight of any required engineering controls through oversight by the OER. If hazardous materials are identified, a Construction Health and Safety Plan (CHASP) would be required and implemented during excavation and construction activities. The CHASP would protect both workers and the surrounding community from potential exposure to contaminated soil, groundwater, and/or soil vapor. Given the expected volume of soil disturbance, if any solid or hazardous waste is encountered during remediation, it is anticipated to be minimal in quantity and would be handled in compliance with all applicable regulatory requirements. With these provisions in place, the Proposed Actions would not

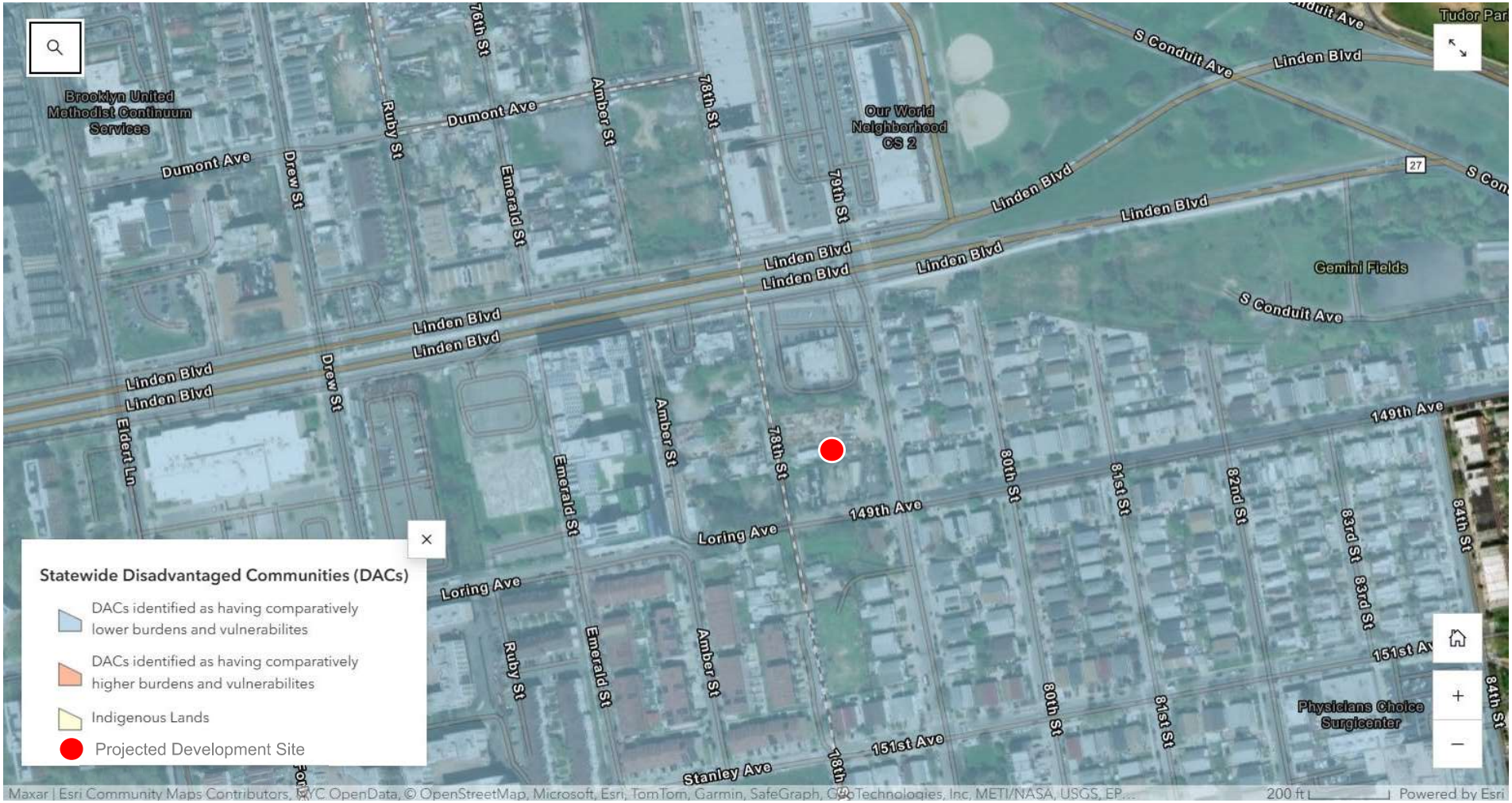
result in significant adverse impacts related to hazardous materials to surrounding disadvantaged communities, and no further analysis is warranted.

The Proposed Actions would facilitate the development of residential uses within the Affected Area, which would not involve activities that would result in air quality impacts, noise pollution, light pollution, odor impacts, or wastewater discharges. In addition, though the Proposed Actions would involve new building construction at the Projected Development Site, the existing lots within the Affected Area are actively used for construction vehicles/equipment storage with paved surface. Therefore, the Proposed Actions would not result in increased stormwater runoff or potential flooding impacts. Lastly, any solid waste would be placed in appropriate containers and picked up. Therefore, the proposed residential building would not result in adverse impacts to any disadvantaged communities and no further analysis is warranted.

2.14.2 Conclusion

The Affected Area is located within a disadvantaged community. However, as discussed above, the Proposed Actions would not contribute to environmental burdens that disproportionately affect such communities. The Proposed Actions would not create or introduce a disproportionate pollution burden on DACs. Further, the proposed residential building with new affordable dwelling units would help address the critical need for new affordable housing in the neighborhood, while maintaining compliance with environmental regulations and best practices. Accordingly, no further assessment is warranted.

Figure 2.14-1: Disadvantaged Communities Map



APPENDIX A

ILLUSTRATIVE ARCHITECTURAL PLANS



Sapphire Rezoning

R6A Proposed
Rezoning Package

6-Story Residential Building

RockReal Group

ROCKREAL GROUP
ROCKS TO REALITY

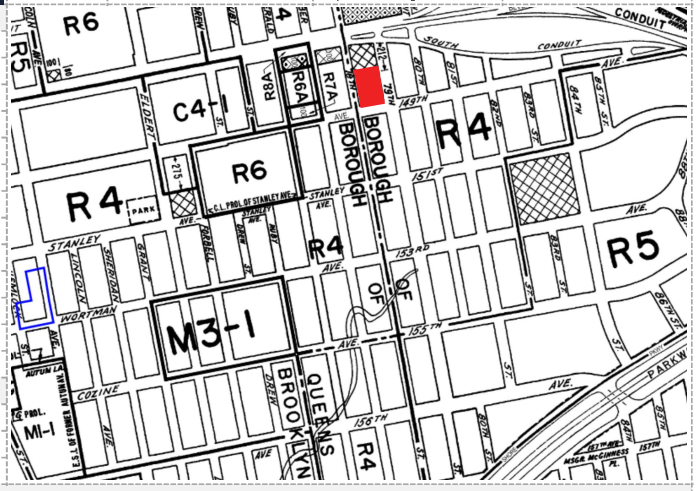
DR ARCHITECTURE + DESIGN
DEVELOPMENT | REAL ESTATE
ARCHITECTURE | DESIGN

DR ARCHITECTURE + DESIGN

DEVELOPMENT | REAL ESTATE
ARCHITECTURE | DESIGN

Zoning & Development Analysis: Sapphire Street

Block	11384	Zoning Map / CD	18b / Queens CD10
Zoning Lots	15,24,32,29,28,34,37,38,39,40,42 ,45	Supplemental Zoning	Beyond Greater Transit Area
		Proposed Zoning	R6A w/ MIH



Lot Area

Tax Lot 15	1,400 SF
Tax Lot 24	2,650 SF
Tax Lot 28	4,067 SF
Tax Lot 29	6,000 SF
Tax Lot 32	4,000 SF
Tax Lot 34	4,000 SF
Tax Lot 37	3,838 SF
Tax Lot 38	4,183 SF
Tax Lot 39	4,235 SF
Tax Lot 40	6,353 SF
Tax Lot 42	10,319 SF
Tax Lot 45	4,128 SF
Total Lot Area	55,173 SF

Street Trees

79th Street	260'-0"	10 Trees
149th Avenue	212'-6"	9 Trees
Sapphire Street	260'-0"	10 Trees

Zoning Analysis

ZR Section: Bulk Regulations: Permitted Development Floor Area (Zoning Floor Area)

	Proposed Use	Permitted FAR	Lot Area	Zoning Floor Area	Compliance
23-22	Residential	3.9	55,173 SF	215,175 SF	Complies

Notes: Mandatory Inclusionary Housing proposed. UAP FAR utilized for residential computation.

ZR Section	Bulk Regulations: Building Height & Setback		ZR Section	Parking Regulations	
23-433	Required Setback Distance (Wide Street)	10'	25-232	Required Standard Residential Parking	50% D.U.'s
23-433	Required Setback Distance (Narrow Street)	15'		Req Standard Residential Parking Spaces	101 Spaces
23-432	Minimum Base Height	40'	25-232	Required QAH Residential Parking	25% D.U.'s
23-432	Maximum Base Height	65'		Required QAH Parking Spaces	17 Spaces
23-432	Maximum Building Height	95'	25-232	Total Parking Required	117 Spaces
				Compliance	Complies
			25-811	Required Bike Parking	50% D.U.'s
Notes: Heights are based on MIH Qualified Affordable Housing.				Required Bike Parking	134 Spaces

ZR Section	Bulk Regulations: Required Yards		Notes: QAH = Qualified Affordable Housing as required for proposed MIH.		
23-344	Required Rear Yard Equivalent below 75'	40'	ZR Section	Use Regulations	
23-344	Required Rear Yard Equivalent above 75'	60'	22-00	Permitted Use Groups:	
ZR Section	Lot Coverage Regulations			Use Groups I, II, III	
23-362	Corner Lot Portion	100%		Proposed Use Groups	UG II Residential
23-141&24-11	Inner/Through Lot Portion	80%	ZR Section	Density Regulations	
ZR Section	Recreation Space		23-22	Dwelling Unit (D.U.) Factor	680 SF
23-362	Required Recreation Space	5,591 SF		Maximum number of Dwelling Units	316 Units

Project Area



Zoning Floor Area Tabulation

Floor Level	Gross Floor Area: Residential	Commercial	Comm. Facility	Floor Area Deductions: Common Area	Mech + Parking	Electrification	Total Zoning Floor Area	Unit Count: 0-bd	1-bd	2-bd	Total
Cellar	41,212 SF	0 SF	0 SF	0 SF	41,212 SF	0 SF	0 SF	0	0	0	0
1	35,552 SF	0 SF	0 SF	677 SF	4,053 SF	1,541 SF	29,281 SF	12	17	11	40
2	35,580 SF	0 SF	0 SF	144 SF	1,067 SF	1,718 SF	32,651 SF	13	19	16	48
3	35,580 SF	0 SF	0 SF	144 SF	1,067 SF	1,718 SF	32,651 SF	13	19	16	48
4	35,580 SF	0 SF	0 SF	144 SF	1,067 SF	1,718 SF	32,651 SF	13	19	16	48
5	35,580 SF	0 SF	0 SF	144 SF	1,067 SF	1,718 SF	32,651 SF	13	19	16	48
6	28,905 SF	0 SF	0 SF	147 SF	867 SF	1,395 SF	26,496 SF	4	18	14	36
Roof	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	0 SF	68	111	89	268
Total	247,989 SF	0 SF	0 SF	1,400 SF	50,400 SF	9809 SF	186,380 SF	25%	41%	33%	

Proposed Development Totals			
Proposed Density	268 Units	Proposed Gross Floor Area	247,989 SF
Proposed Affordable Units	67 Units	Proposed Zoning Floor Area	186,380 SF
Proposed Parking Spaces	118 spaces	Total ZFA Remaining	28,795 SF
Proposed Bike Spaces	134 Spaces	Proposed Residential ZFA	186,380 SF
Proposed Lot Coverage	64%	Proposed Comm. Facility ZFA	0 SF
Proposed Setback	10' / 15'	Proposed Interior Rec. Area	557 SF
Proposed Base Height	57'-2"	Proposed Exterior Rec. Area	9,472 SF
Proposed Building Height	57'-2"	Total Recreation Area	10,029 SF

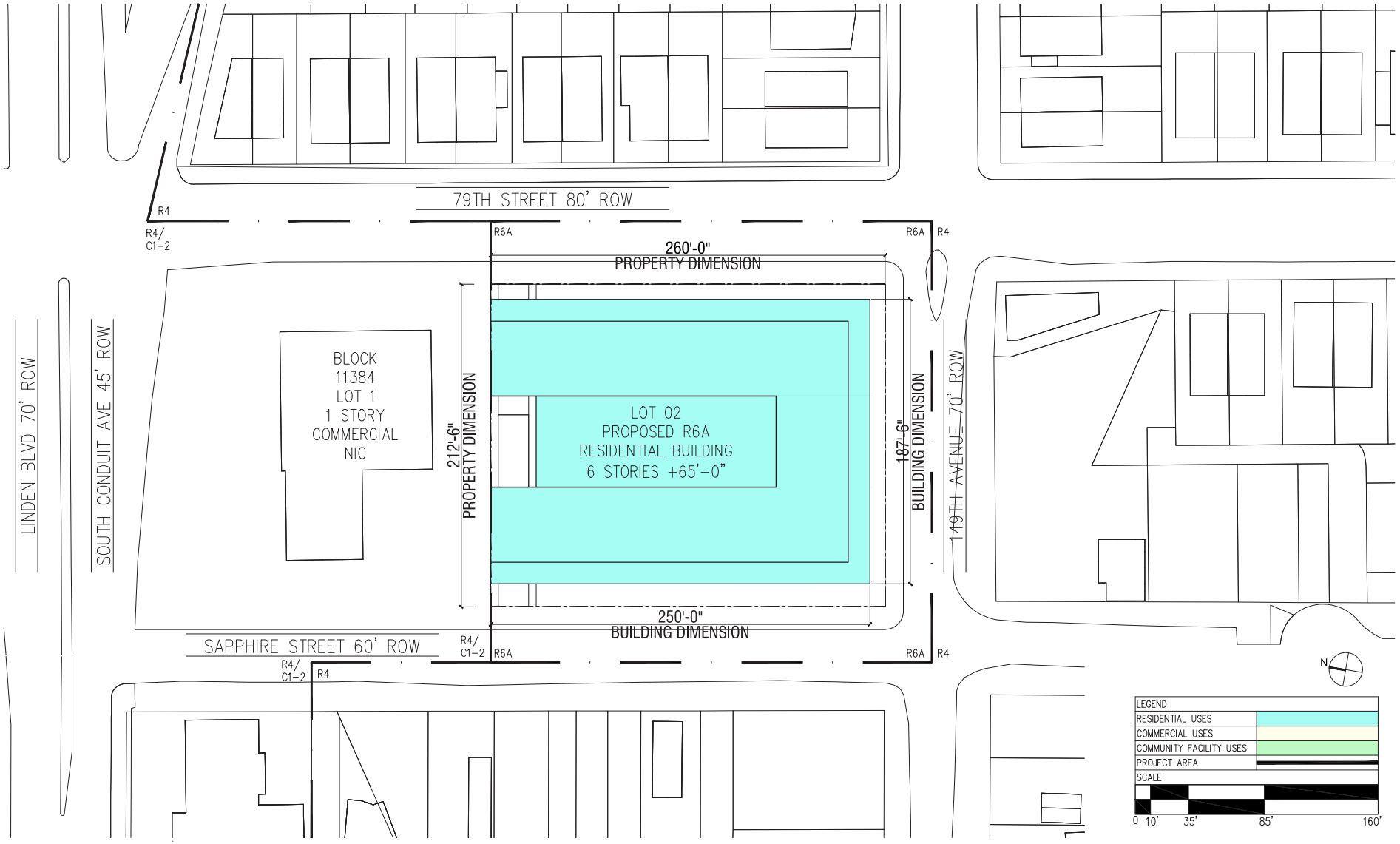
Notes:

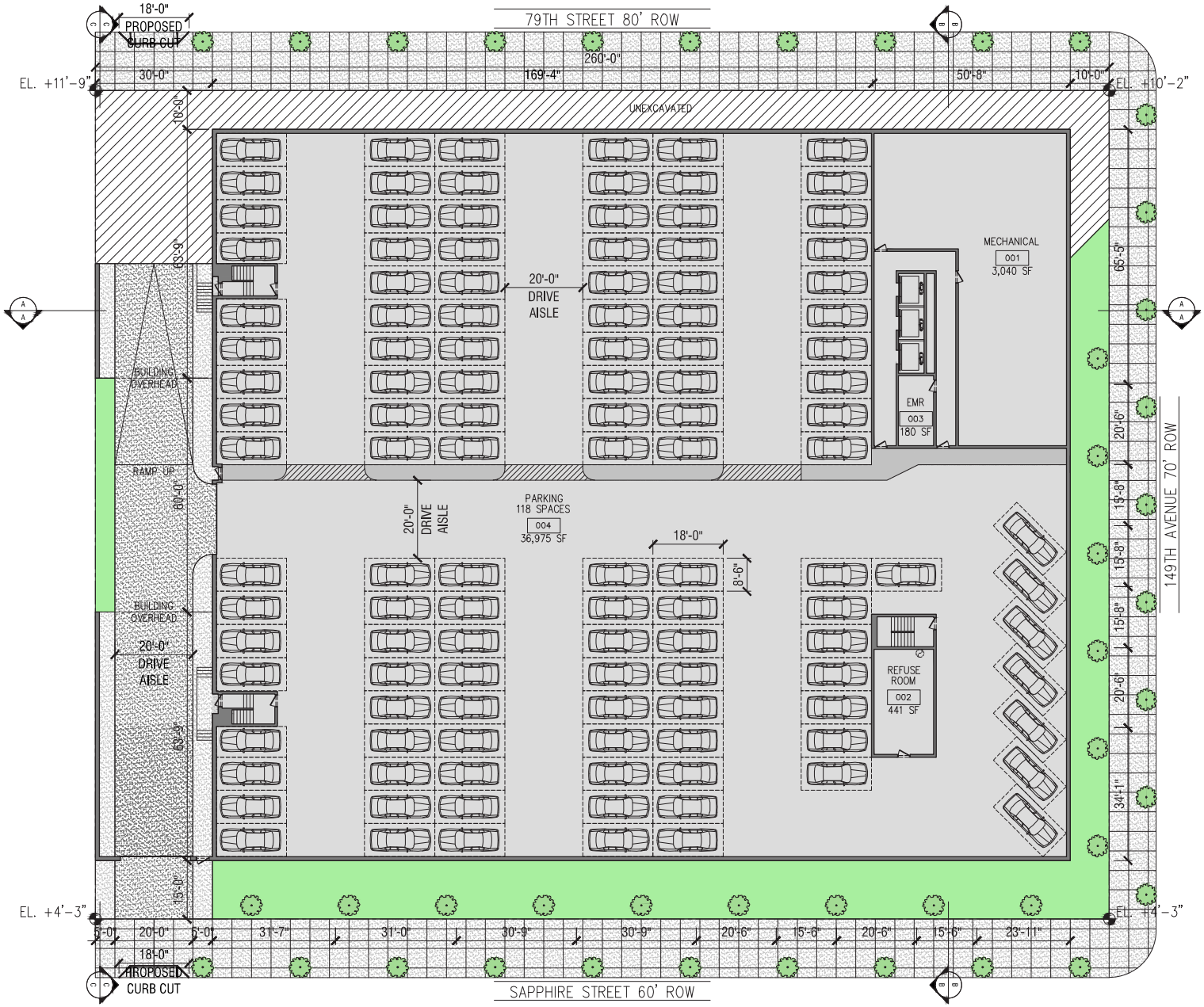
Common Area deductions include: Recreation Space / Amenities as identified (not to exceed 5% of residential FA as per ZR 23-231); Corridor Area as applicable (as per ZR 23-232); Refuse (as per ZR 23-233); Elevated Ground Floor Units, as applicable (as per ZR 23-234)

Mechanical Deductions assumed at 3% of floor area.

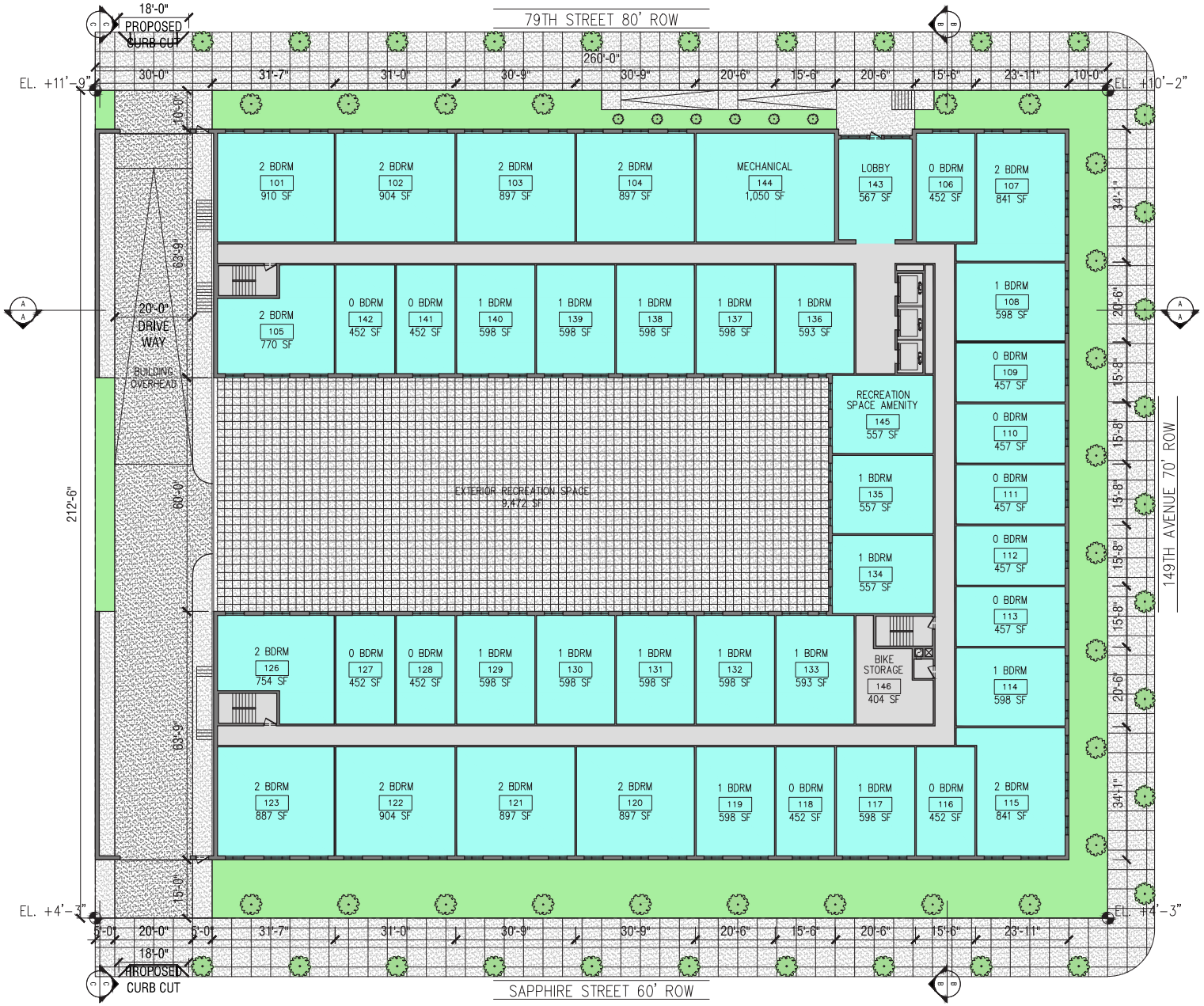
Electrification deduction applied as per ZR 12-10.

Legend	
	Complying Condition
	Non-Complying Condition

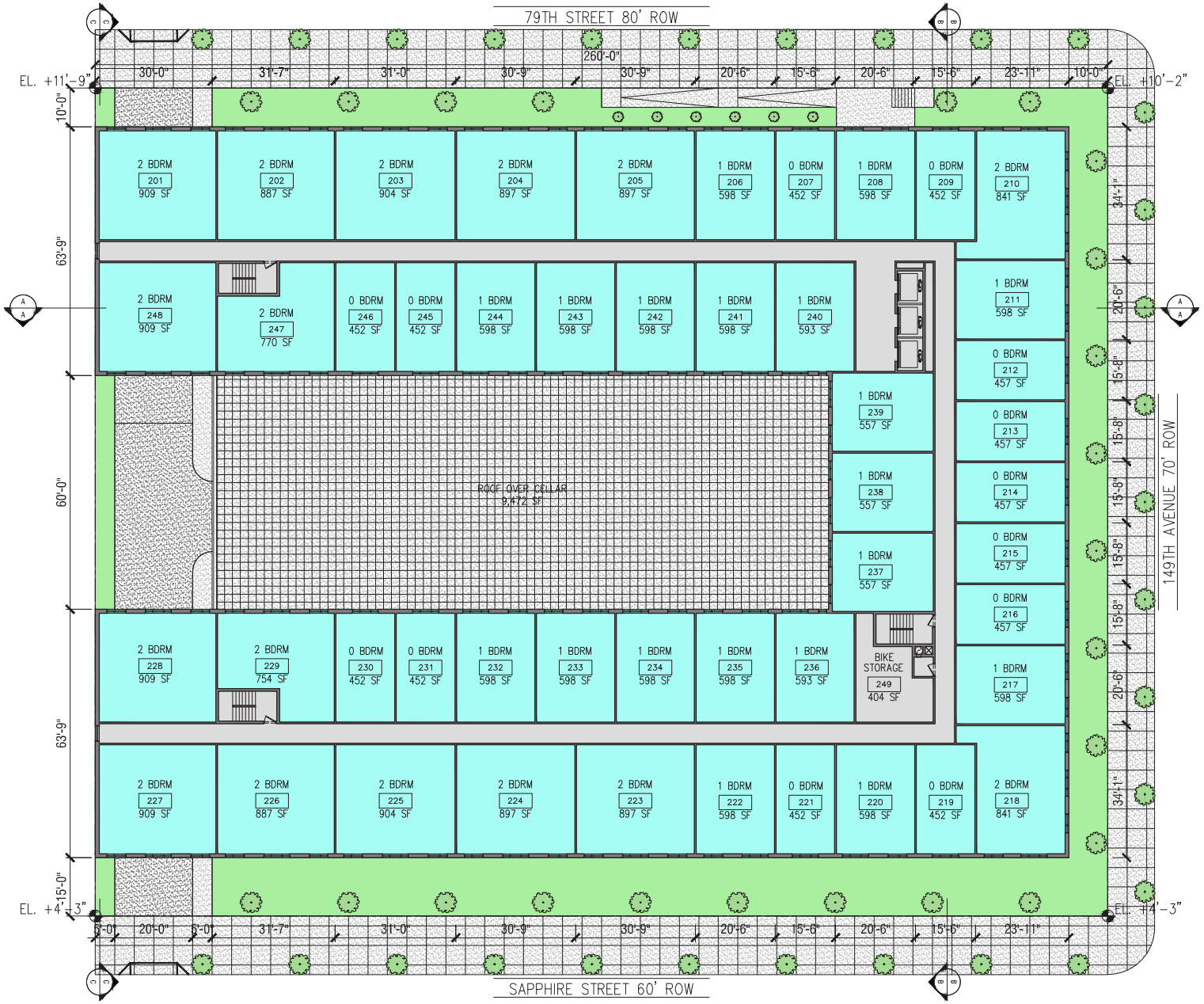

79TH STREET 80' ROW
R4
R4/
C1-2
R6A
R6A
R4
260'-0"
PROPERTY DIMENSION
LINDEN BLVD 70' ROW
SOUTH CONDUIT AVE 45' ROW
BLOCK
11384
LOT 1
1 STORY
COMMERCIAL
NIC
212'-6"
PROPERTY DIMENSION
LOT 02
PROPOSED R6A
RESIDENTIAL BUILDING
6 STORIES +65'-0"
187'-6"
BUILDING DIMENSION
149TH AVENUE 70' ROW
250'-0"
BUILDING DIMENSION
SAPPHIRE STREET 60' ROW
R4/
C1-2
R6A
R6A
R4
R4/
C1-2
R4
N
LEGEND
RESIDENTIAL USES
COMMERCIAL USES
COMMUNITY FACILITY USES
PROJECT AREA
SCALE
0 10' 35' 85' 160'



CELLAR LEVEL	
GROSS FLOOR AREA	41,212 SF
ZONING FLOOR AREA DEDUCTIONS	
ELECTRIFICATION	1,530 SF
MECHANICAL	4,717 SF
PARKING	36,975 SF
BICYCLE PARKING	0 SF
RECREATION SPACE AMENITY	0 SF
COMMON AREA REFUSE	0 SF
CORRIDOR DAYLIGHT	0 SF
CORRIDOR LENGTH	0 SF
ELEVATED GF UNITS	0 SF



FLOOR 01	
GROSS FLOOR AREA	35,552 SF
ZONING FLOOR AREA DEDUCTIONS	
ELECTRIFICATION	1,541 SF
MECHANICAL	2,117 SF
PARKING	1,936 SF
BICYCLE PARKING	404 SF
RECREATION SPACE AMENITY	557 SF
COMMON AREA REFUSE	126 SF
CORRIDOR DAYLIGHT	0 SF
CORRIDOR LENGTH	0 SF
ELEVATED GF UNITS	0 SF



FLOOR 02–05	
GROSS FLOOR AREA	35,580 SF
ZONING FLOOR AREA DEDUCTIONS	
ELECTRIFICATION	1,718 SF
MECHANICAL	1,067 SF
PARKING	0 SF
BICYCLE PARKING	404 SF
RECREATION SPACE AMENITY	0 SF
COMMON AREA REFUSE	144 SF
CORRIDOR DAYLIGHT	0 SF
CORRIDOR LENGTH	0 SF
ELEVATED GF UNITS	0 SF

N

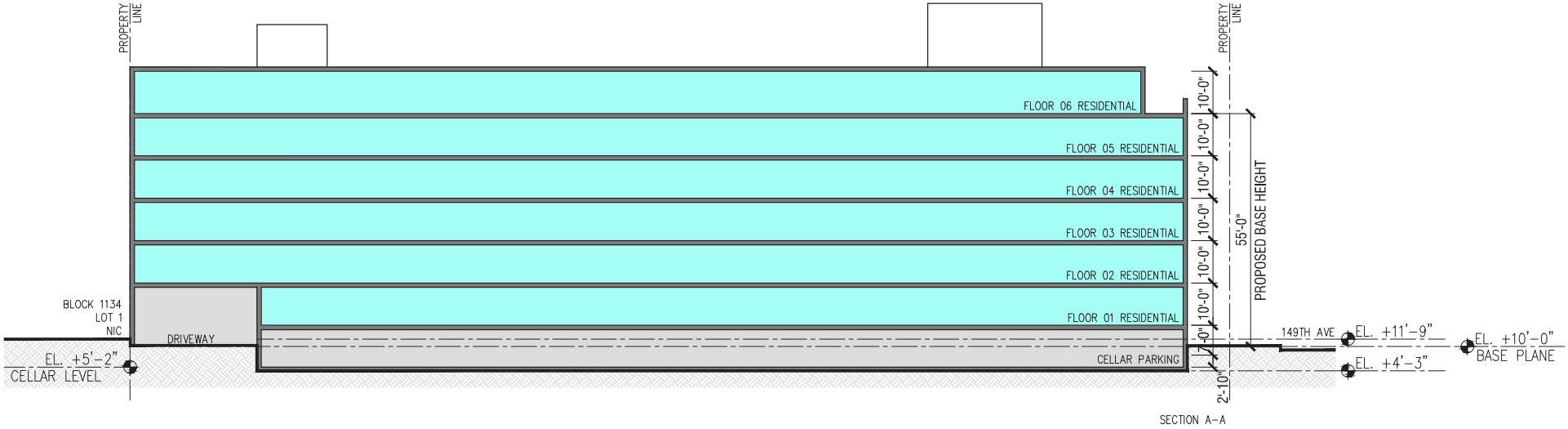
DR ARCHITECTURE + DESIGN | ROCKREAL GROUP — ROCKS TO REALITY

SAPPHIRE | R6A PROPOSED REZONING

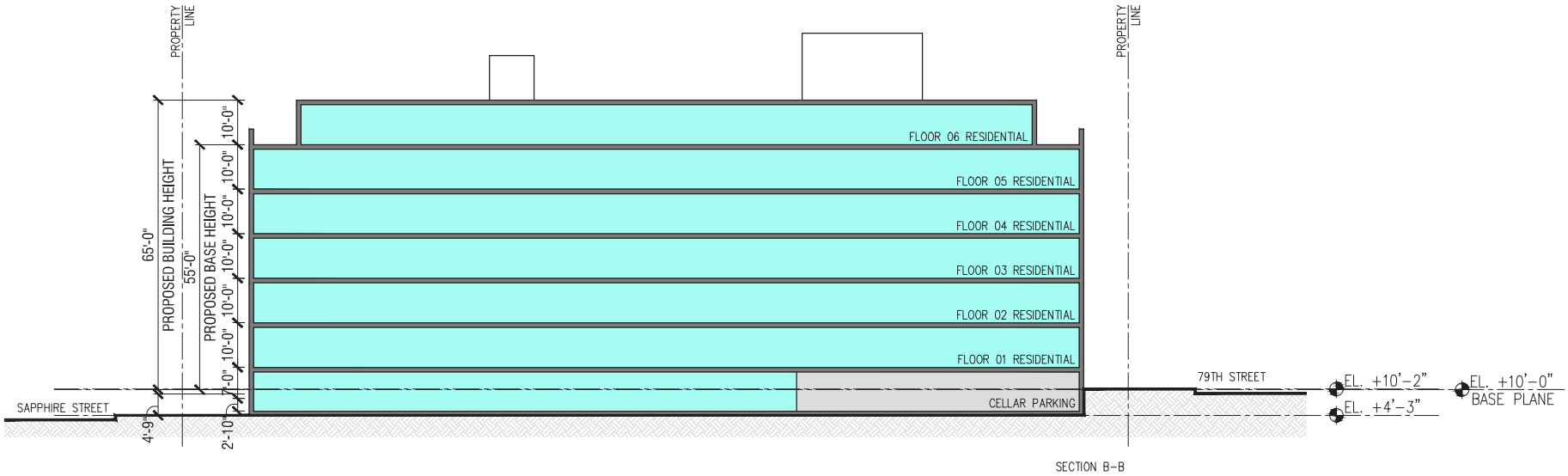
Second - Fifth Floor Plan



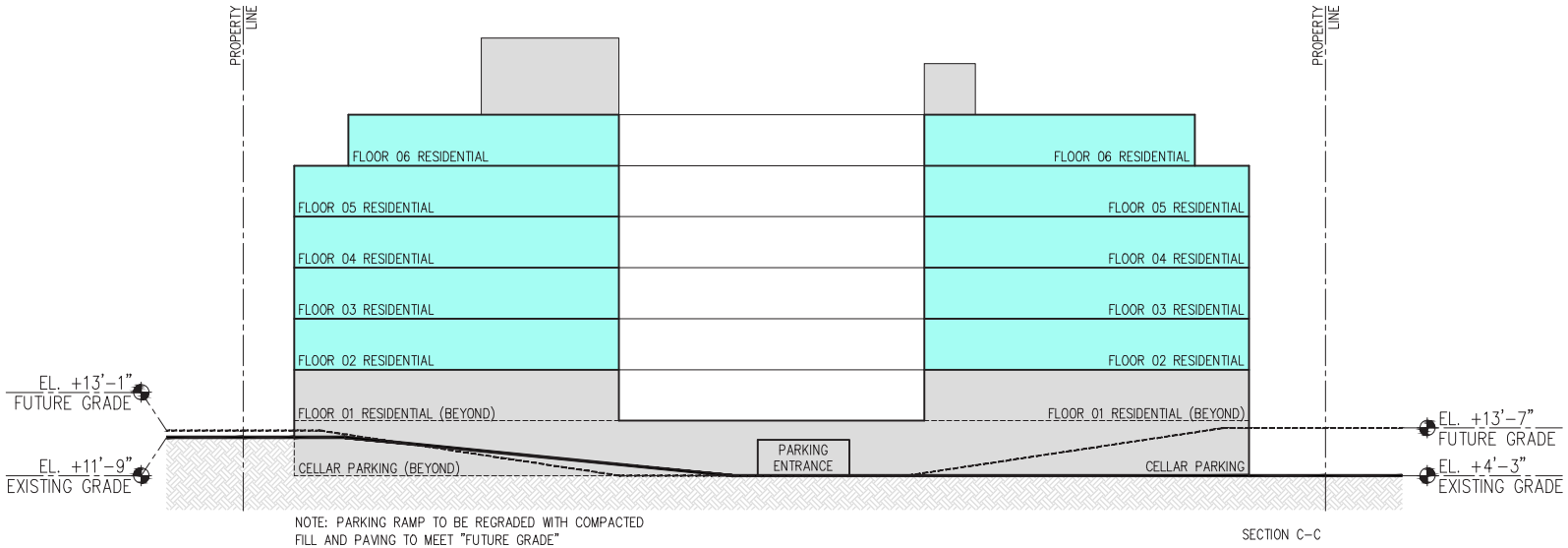
FLOOR 06	
GROSS FLOOR AREA	28,905 SF
ZONING FLOOR AREA DEDUCTIONS	
ELECTRIFICATION	1,395 SF
MECHANICAL	867 SF
PARKING	0 SF
BICYCLE PARKING	0 SF
RECREATION SPACE AMENITY	0 SF
COMMON AREA REFUSE	108 SF
CORRIDOR DAYLIGHT	0 SF
CORRIDOR LENGTH	0 SF
ELEVATED GF UNITS	0 SF

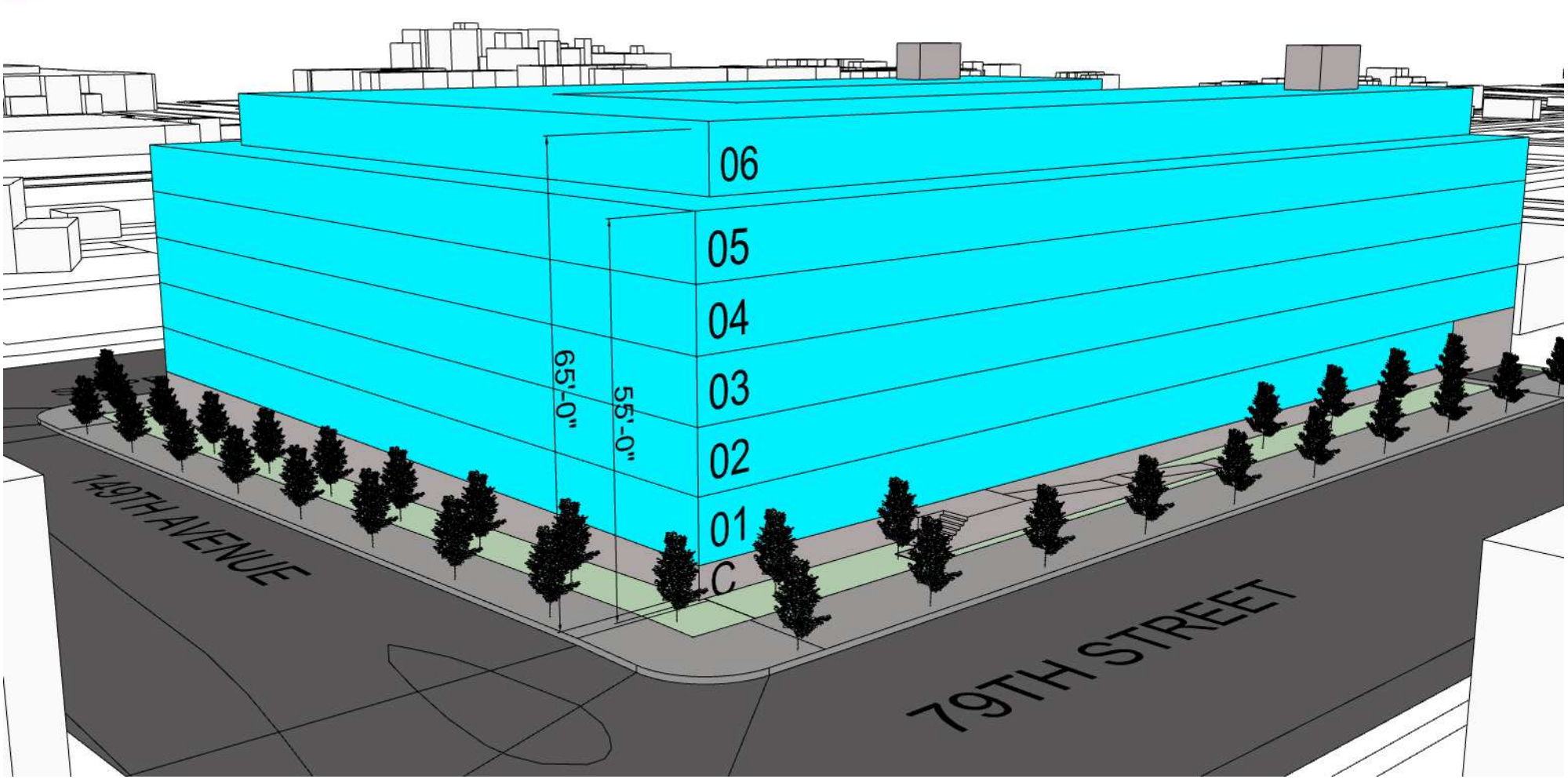


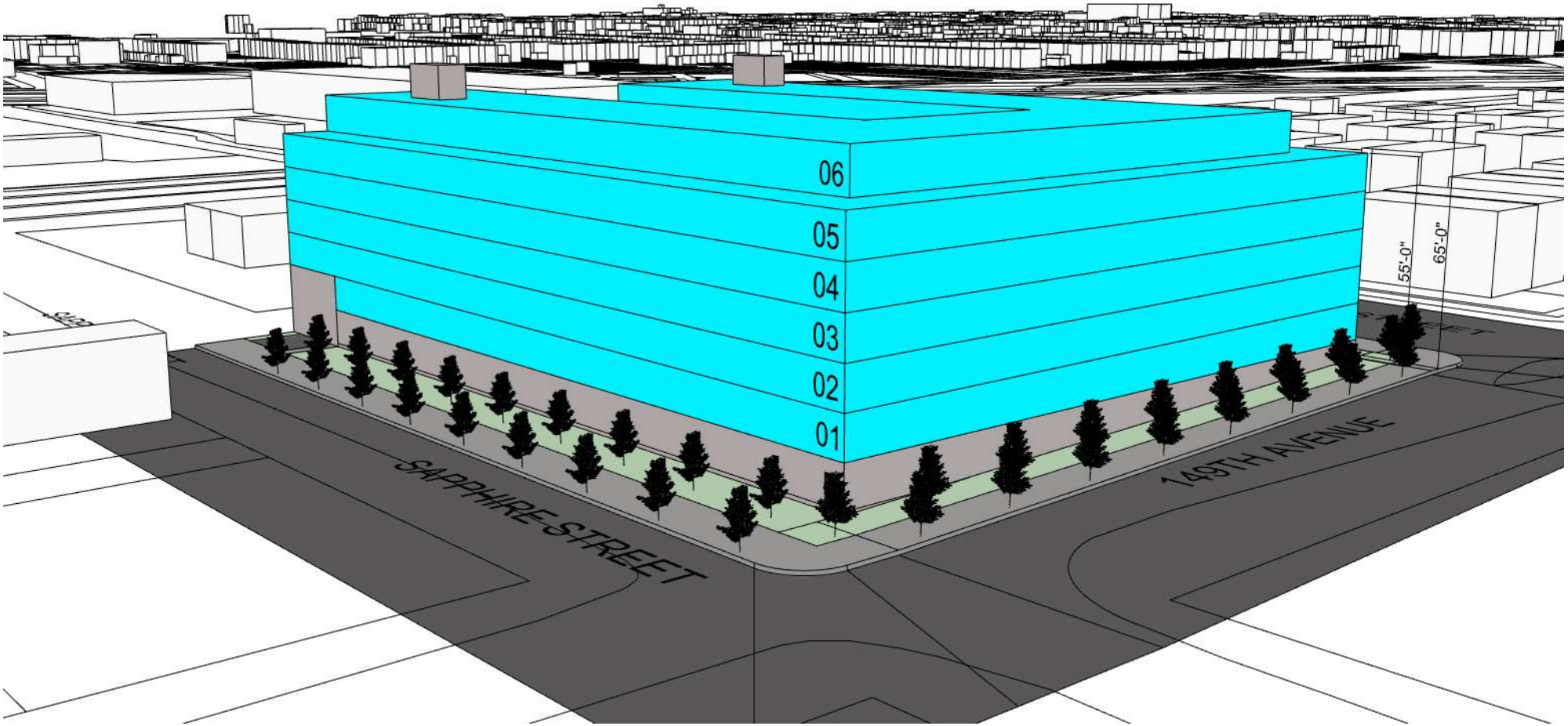
SECTION A–A



SECTION B–B


PROPERTY LINE
PROPERTY LINE
FLOOR 06 RESIDENTIAL
FLOOR 06 RESIDENTIAL
FLOOR 05 RESIDENTIAL
FLOOR 05 RESIDENTIAL
FLOOR 04 RESIDENTIAL
FLOOR 04 RESIDENTIAL
FLOOR 03 RESIDENTIAL
FLOOR 03 RESIDENTIAL
FLOOR 02 RESIDENTIAL
FLOOR 02 RESIDENTIAL
EL. +13'-1"
FUTURE GRADE
FLOOR 01 RESIDENTIAL (BEYOND)
FLOOR 01 RESIDENTIAL (BEYOND)
EL. +13'-7"
FUTURE GRADE
PARKING ENTRANCE
EL. +11'-9"
EXISTING GRADE
CELLAR PARKING (BEYOND)
CELLAR PARKING
EL. +4'-3"
EXISTING GRADE
NOTE: PARKING RAMP TO BE REGRADED WITH COMPACTED FILL AND PAVING TO MEET "FUTURE GRADE"
SECTION C-C


06
05
04
03
02
01
C
65'-0"
55'-0"
149TH AVENUE
79TH STREET


06
05
04
03
02
01
55'-0"
65'-0"
SAPPHIRE STREET
149TH AVENUE


79TH STREET


SAPPHIRE STREET
14TH AVENUE







Gabion Wall
Permeable / Dynamic Grade Level Enevelope

APPENDIX B

AGENCY CORRESPONDENCE

Landmarks Preservation Commission

1 Centre Street
9th Floor North
New York, NY 10007

Voice (212)-669-7700
Fax (212)-669-7960
http://nyc.gov/landmarks

ENVIRONMENTAL REVIEW

Project number: DEPARTMENT OF CITY PLANNING / LA-CEQR-Q
Project: 135-27 SAPPHIRE STREET REZONING
Date Received: 9/17/2024

Properties with no Architectural or Archaeological significance:

1) 79 STREET, BBL: 4113840015
2) 149 AVENUE, BBL: 4113840024
3) 78-11 149 AVENUE, BBL: 4113840028
4) 78-09 149 AVENUE, BBL: 4113840029
5) 78-05 149 AVENUE, BBL: 4113840032
6) 149 AVENUE, BBL: 4113840034
7) 78 STREET, BBL: 4113840037
8) 137-35 SAPPHIRE STREET, BBL: 4113840038
9) 78 STREET, BBL: 4113840039
10) 78 STREET, BBL: 4113840040
11) 135-27 SAPPHIRE STREET, BBL: 4113840042
12) 137-25 SAPPHIRE STREET, BBL: 4113840045

Gina Santucci 9/26/2024

SIGNATURE DATE
Gina Santucci, Environmental Review Coordinator

File Name: 37451_FSO_DNP_09262024.docx

APPENDIX C

WRP CAF FORM & FLOOD EVALUATION WORKSHEET

FOR INTERNAL USE ONLY	WRP No. 23-217
Date Received: _____	DOS No. _____

NEW YORK CITY WATERFRONT REVITALIZATION PROGRAM
Consistency Assessment Form

Proposed actions that are subject to CEQR, ULURP or other local, state or federal discretionary review procedures, and that are within New York City's Coastal Zone, must be reviewed and assessed for their consistency with the *New York City Waterfront Revitalization Program (WRP)* which has been approved as part of the State's Coastal Management Program.

This form is intended to assist an applicant in certifying that the proposed activity is consistent with the WRP. It should be completed when the local, state, or federal application is prepared. The completed form and accompanying information will be used by the New York State Department of State, the New York City Department of City Planning, or other city or state agencies in their review of the applicant's certification of consistency.

A. APPLICANT INFORMATION

Name of Applicant: 135 Sapphire LLC

Name of Applicant Representative: Qianyu Xiang, GZA GeoEnvironmental Inc.

Address: 104 W 29th St, 10th Floor, New York, NY 10001

Telephone: 917-470-3077 Email: qianyu.xiang@gza.com

Project site owner (if different than above): _____

B. PROPOSED ACTIVITY

If more space is needed, include as an attachment.

1. Brief description of activity

The Applicant, 135 Sapphire LLC, requests approval of a zoning map amendment and a zoning text amendment over Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45, and p/o 1 (the "Affected Area") in the Lindenwood neighborhood of Queens Community District 10. The zoning map amendment would rezone the Affected Area from an R4 zoning district to an R6A zoning district. The zoning text amendment would modify Zoning Resolution Appendix F for Community District 10, Queens to establish an MIH Area coterminous with the Affected Area with MIH Option 1.

The Proposed Actions would facilitate the development of a new 6-story plus cellar, 68-foot-2-inch-tall, 217,433 GSF (156,431 ZSF, 2.84 FAR) residential building on Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 with a combined lot area of approximately 55,173 square feet. The Proposed Project would consist of approximately 41,212 GSF of parking at the cellar level and 176,221 GSF (156,431 ZSF, 2.84 FAR) of residential uses above grade. The Proposed Project would provide 234 dwelling units, 25% (59 units) of which would be affordable at an average of 60% AMI pursuant to MIH Option 1. A below-grade off-street parking garage would contain 117 residential accessory vehicular parking spaces, which would be accessible from both 79th Street and Sapphire Street and would be wet flood-proofed with FEMA-approved foundation flood vents.

2. Purpose of activity

The Applicant is seeking redevelopment of the Projected Development Site to be more consistent with the existing stable residential community in the surrounding area. A significant portion of the Projected Development Site is currently vacant and unimproved, which is ideally suited near a major corridor (Linden Boulevard) to support residential growth for the neighborhood. Linden Boulevard is an unusually wide street, at 170 feet, and is a major thoroughfare with a wide range of building heights and a diverse mix of uses, which is considered suitable for redevelopment of residential uses at a higher density.

Given the infrastructure burdens of the immediate area due to flooding and sewer capacity, upzoning the Affected Area from R4 to R6A would permit development of the underutilized sites with multifamily residential housing at a density that would be economically feasible. The provision of permanently affordable housing through the zoning text amendment would also further the City's goals for the provision of affordable units.

C. PROJECT LOCATION

Borough: Queens Tax Block/Lot(s): 11384/ 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45, p/o 1

Street Address: 135-27 Sapphire Street

Name of water body (if located on the waterfront): _____

D. REQUIRED ACTIONS OR APPROVALS

Check all that apply.

City Actions/Approvals/Funding

City Planning Commission ☐ Yes ☐ No

- ☐ City Map Amendment
- ☑ Zoning Map Amendment
- ☑ Zoning Text Amendment
- ☐ Site Selection – Public Facility
- ☐ Housing Plan & Project
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____
- ☐ Zoning Certification
- ☐ Zoning Authorizations
- ☐ Acquisition – Real Property
- ☐ Disposition – Real Property
- ☐ Other, explain: _____
- ☐ Concession
- ☐ UDAAP
- ☐ Revocable Consent
- ☐ Franchise

Board of Standards and Appeals ☐ Yes ☐ No

- ☐ Variance (use)
- ☐ Variance (bulk)
- ☐ Special Permit
  (if appropriate, specify type: ☐ Modification ☐ Renewal ☐ other) Expiration Date: _____

Other City Approvals

- ☐ Legislation
- ☐ Rulemaking
- ☐ Construction of Public Facilities
- ☐ 384 (b) (4) Approval
- ☐ Other, explain: _____
- ☐ Funding for Construction, specify: _____
- ☐ Policy or Plan, specify: _____
- ☐ Funding of Program, specify: _____
- ☐ Permits, specify: _____

State Actions/Approvals/Funding

- ☐ State permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Federal Actions/Approvals/Funding

- ☐ Federal permit or license, specify Agency: _____ Permit type and number: _____
- ☐ Funding for Construction, specify: _____
- ☐ Funding of a Program, specify: _____
- ☐ Other, explain: _____

Is this being reviewed in conjunction with a Joint Application for Permits? ☐ Yes ☐ No

E. LOCATION QUESTIONS

1. Does the project require a waterfront site? ☐ Yes ☐ No
2. Would the action result in a physical alteration to a waterfront site, including land along the shoreline, land under water or coastal waters? ☐ Yes ☐ No
3. Is the project located on publicly owned land or receiving public assistance? ☐ Yes ☐ No
4. Is the project located within a FEMA 1% annual chance floodplain? *(6.2)* ☐ Yes ☐ No
5. Is the project located within a FEMA 0.2% annual chance floodplain? *(6.2)* ☐ Yes ☐ No
6. Is the project located adjacent to or within a special area designation? *See Maps – Part III of the NYC WRP. If so, check appropriate boxes below and evaluate policies noted in parentheses as part of WRP Policy Assessment (Section F).* ☐ Yes ☐ No

   ☐ Significant Maritime and Industrial Area (SMIA) (*2.1*)

   ☐ Special Natural Waterfront Area (SNWA) (*4.1*)

   ☐ Priority Maritime Activity Zone (PMAZ) (*3.5*)

   ☐ Recognized Ecological Complex (REC) (*4.4*)

   ☐ West Shore Ecologically Sensitive Maritime and Industrial Area (ESMIA) (*2.2, 4.2*)

F. WRP POLICY ASSESSMENT

Review the project or action for consistency with the WRP policies. For each policy, check Promote, Hinder *or* Not Applicable (N/A). *For more information about consistency review process and determination, see* ***Part I*** *of the NYC Waterfront Revitalization Program. When assessing each policy, review the full policy language, including all sub-policies, contained within* ***Part II*** *of the WRP. The relevance of each applicable policy may vary depending upon the project type and where it is located (i.e. if it is located within one of the special area designations).*

For those policies checked Promote *or* Hinder, *provide a written statement on a separate page that assesses the effects of the proposed activity on the relevant policies or standards. If the project or action promotes a policy, explain how the action would be consistent with the goals of the policy. If it hinders a policy, consideration should be given toward any practical means of altering or modifying the project to eliminate the hindrance. Policies that would be advanced by the project should be balanced against those that would be hindered by the project. If reasonable modifications to eliminate the hindrance are not possible, consideration should be given as to whether the hindrance is of such a degree as to be substantial, and if so, those adverse effects should be mitigated to the extent practicable.*

		Promote	Hinder	N/A
1	**Support and facilitate commercial and residential redevelopment in areas well-suited to such development.**	☐	☐	☐
1.1	Encourage commercial and residential redevelopment in appropriate Coastal Zone areas.	☐	☐	☐
1.2	Encourage non-industrial development with uses and design features that enliven the waterfront and attract the public.	☐	☐	☐
1.3	Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.	☐	☐	☐
1.4	In areas adjacent to SMIAs, ensure new residential development maximizes compatibility with existing adjacent maritime and industrial uses.	☐	☐	☐
1.5	Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development, pursuant to WRP Policy 6.2.	☐	☐	☐

		Promote	Hinder	N/A
2	**Support water-dependent and industrial uses in New York City coastal areas that are well-suited to their continued operation.**	☐	☐	☐
2.1	Promote water-dependent and industrial uses in Significant Maritime and Industrial Areas.	☐	☐	☐
2.2	Encourage a compatible relationship between working waterfront uses, upland development and natural resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
2.3	Encourage working waterfront uses at appropriate sites outside the Significant Maritime and Industrial Areas or Ecologically Sensitive Maritime Industrial Area.	☐	☐	☐
2.4	Provide infrastructure improvements necessary to support working waterfront uses.	☐	☐	☐
2.5	Incorporate consideration of climate change and sea level rise into the planning and design of waterfront industrial development and infrastructure, pursuant to WRP Policy 6.2.	☐	☐	☐
3	**Promote use of New York City's waterways for commercial and recreational boating and water-dependent transportation.**	☐	☐	☐
3.1.	Support and encourage in-water recreational activities in suitable locations.	☐	☐	☐
3.2	Support and encourage recreational, educational and commercial boating in New York City's maritime centers.	☐	☐	☐
3.3	Minimize conflicts between recreational boating and commercial ship operations.	☐	☐	☐
3.4	Minimize impact of commercial and recreational boating activities on the aquatic environment and surrounding land and water uses.	☐	☐	☐
3.5	In Priority Marine Activity Zones, support the ongoing maintenance of maritime infrastructure for water-dependent uses.	☐	☐	☐
4	**Protect and restore the quality and function of ecological systems within the New York City coastal area.**	☐	☐	☐
4.1	Protect and restore the ecological quality and component habitats and resources within the Special Natural Waterfront Areas.	☐	☐	☐
4.2	Protect and restore the ecological quality and component habitats and resources within the Ecologically Sensitive Maritime and Industrial Area.	☐	☐	☐
4.3	Protect designated Significant Coastal Fish and Wildlife Habitats.	☐	☐	☐
4.4	Identify, remediate and restore ecological functions within Recognized Ecological Complexes.	☐	☐	☐
4.5	Protect and restore tidal and freshwater wetlands.	☐	☐	☐
4.6	In addition to wetlands, seek opportunities to create a mosaic of habitats with high ecological value and function that provide environmental and societal benefits. Restoration should strive to incorporate multiple habitat characteristics to achieve the greatest ecological benefit at a single location.	☐	☐	☐
4.7	Protect vulnerable plant, fish and wildlife species, and rare ecological communities. Design and develop land and water uses to maximize their integration or compatibility with the identified ecological community.	☐	☐	☐
4.8	Maintain and protect living aquatic resources.	☐	☐	☐

		Promote	Hinder	N/A
5	**Protect and improve water quality in the New York City coastal area.**	☐	☐	☐
5.1	Manage direct or indirect discharges to waterbodies.	☐	☐	☐
5.2	Protect the quality of New York City's waters by managing activities that generate nonpoint source pollution.	☐	☐	☐
5.3	Protect water quality when excavating or placing fill in navigable waters and in or near marshes, estuaries, tidal marshes, and wetlands.	☐	☐	☐
5.4	Protect the quality and quantity of groundwater, streams, and the sources of water for wetlands.	☐	☐	☐
5.5	Protect and improve water quality through cost-effective grey-infrastructure and in-water ecological strategies.	☐	☐	☐
6	**Minimize loss of life, structures, infrastructure, and natural resources caused by flooding and erosion, and increase resilience to future conditions created by climate change.**	☐	☐	☐
6.1	Minimize losses from flooding and erosion by employing non-structural and structural management measures appropriate to the site, the use of the property to be protected, and the surrounding area.	☐	☐	☐
6.2	Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in *New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms*) into the planning and design of projects in the city's Coastal Zone.	☐	☐	☐
6.3	Direct public funding for flood prevention or erosion control measures to those locations where the investment will yield significant public benefit.	☐	☐	☐
6.4	Protect and preserve non-renewable sources of sand for beach nourishment.	☐	☐	☐
7	**Minimize environmental degradation and negative impacts on public health from solid waste, toxic pollutants, hazardous materials, and industrial materials that may pose risks to the environment and public health and safety.**	☐	☐	☐
7.1	Manage solid waste material, hazardous wastes, toxic pollutants, substances hazardous to the environment, and the unenclosed storage of industrial materials to protect public health, control pollution and prevent degradation of coastal ecosystems.	☐	☐	☑
7.2	Prevent and remediate discharge of petroleum products.	☐	☐	☑
7.3	Transport solid waste and hazardous materials and site solid and hazardous waste facilities in a manner that minimizes potential degradation of coastal resources.	☐	☐	☑
8	**Provide public access to, from, and along New York City's coastal waters.**	☐	☐	☑
8.1	Preserve, protect, maintain, and enhance physical, visual and recreational access to the waterfront.	☐	☐	☑
8.2	Incorporate public access into new public and private development where compatible with proposed land use and coastal location.	☐	☐	☑
8.3	Provide visual access to the waterfront where physically practical.	☐	☐	☑
8.4	Preserve and develop waterfront open space and recreation on publicly owned land at suitable locations.	☐	☐	☑

		Promote	Hinder	N/A
8.5	Preserve the public interest in and use of lands and waters held in public trust by the State and City.	☐	☐	☑
8.6	Design waterfront public spaces to encourage the waterfront's identity and encourage stewardship.	☐	☐	☑
9	**Protect scenic resources that contribute to the visual quality of the New York City coastal area.**	☐	☐	☑
9.1	Protect and improve visual quality associated with New York City's urban context and the historic and working waterfront.	☐	☐	☑
9.2	Protect and enhance scenic values associated with natural resources.	☐	☐	☑
10	**Protect, preserve, and enhance resources significant to the historical, archaeological, architectural, and cultural legacy of the New York City coastal area.**	☐	☐	☑
10.1	Retain and preserve historic resources, and enhance resources significant to the coastal culture of New York City.	☐	☐	☑
10.2	Protect and preserve archaeological resources and artifacts.	☐	☐	☑

G. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program as expressed in New York City's approved Local Waterfront Revitalization Program, pursuant to New York State's Coastal Management Program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Qianyu Xiang, GZA GeoEnvironmental Inc.

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Telephone: 917-470-3077 Email: qianyu.xiang@gza.com

Applicant/Agent's Signature: 

Date: 4/23/26

Submission Requirements

For all actions requiring City Planning Commission approval, materials should be submitted to the Department of City Planning.

For local actions not requiring City Planning Commission review, the applicant or agent shall submit materials to the Lead Agency responsible for environmental review. A copy should also be sent to the Department of City Planning.

For State actions or funding, the Lead Agency responsible for environmental review should transmit its WRP consistency assessment to the Department of City Planning.

For Federal direct actions, funding, or permits applications, including Joint Applicants for Permits, the applicant or agent shall also submit a copy of this completed form along with his/her application to the NYS Department of State Office of Planning and Development and other relevant state and federal agencies. A copy of the application should be provided to the NYC Department of City Planning.

The Department of City Planning is also available for consultation and advisement regarding WRP consistency procedural matters.

New York City Department of City Planning
Waterfront and Open Space Division
120 Broadway, 31st Floor
New York, New York 10271
212-720-3696
wrp@planning.nyc.gov
www.nyc.gov/wrp

New York State Department of State
Office of Planning and Development
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, New York 12231-0001
518-474-6000
www.dos.ny.gov/opd/programs/consistency

Applicant Checklist

- ☑ Copy of original signed NYC Consistency Assessment Form
- ☑ Attachment with consistency assessment statements for all relevant policies
- ☐ For Joint Applications for Permits, one (1) copy of the complete application package
- ☑ Environmental Review documents
- ☑ Drawings (plans, sections, elevations), surveys, photographs, maps, or other information or materials which would support the certification of consistency and are not included in other documents submitted. All drawings should be clearly labeled and at a scale that is legible.
- ☑ Policy 6.2 Flood Elevation worksheet, if applicable. For guidance on applicability, refer to the WRP Policy 6.2 Guidance document available at www.nyc.gov/wrp

135-27 Sapphire Street Rezoning

Waterfront Revitalization Program Assessment

The Projected Development Site is located within the boundaries of the New York City Coastal Zone and is subject to CEQR discretionary review procedures; therefore, the Proposed Actions must be reviewed and assessed for consistency with the policies set forth in the New York City Waterfront Revitalization Program (WRP). The WRP establishes the City's policies for waterfront planning, preservation, and development projects to ensure consistency over the long term. The goal of the program is to maximize the benefits derived from economic development, environmental conservation, and public use of the waterfront while minimizing any potential conflicts among these objectives. The WRP Consistency Assessment Form (CAF) was completed and is provided above (WRP# 23-217). The CAF assists the Applicant in identifying the relevant WRP policies and certifying that the project is consistent with the WRP.

The Proposed Actions would place a new residential structure in a designated "Zone X" within the 0.2% annual chance floodplain as per the 2015 FEMA Preliminary Flood Insurance Rate Maps (PFIRMs).

Moderate Risk Areas

Zone X are areas that have a 0.2% probability of flooding every year (also known as the "500-year floodplain"). Properties in Zone X are considered to be at moderate risk of flooding under the National Flood Insurance Program (NFIP). Property owners in Zone X are not required to purchase flood insurance unless they have received federal disaster assistance in the past.

Waterfront Revitalization Program Assessment

The WRP Consistency Assessment Form (CAF) was completed to determine the consistency of the Proposed Actions with the Waterfront Revitalization Program's (WRP's) ten policies. Additionally, as the Projected Development Site is located within the boundaries of a flood zone, the Flood Evaluation Worksheet was also completed. The Flood Evaluation Worksheet allows the Applicant to calculate future flood elevations and assess site-specific risks to vulnerable or critical project features (Refer to Policy 6).

Based on the information provided in the CAF, a detailed methodology and policy response is provided below, which incorporates the findings of the Flood Evaluation Worksheet, and the Proposed Actions' consistency with the applicable WRP Policies (Policy 1, 5, and 6) and Sub-Policies (Policy 1.1, 1.3, 1.5, 5.1, 6.1, and 6.2).

Policy 1: Support and Facilitate Commercial and Residential Development in Areas Well-Suited to Such Development

1.1 Encourage commercial and residential development in appropriate coastal zone areas.

Criteria that should be considered to determine areas appropriate for reuse through public and private actions include: compatibility with the continued functioning of the designated Special Natural Waterfront Areas, the Arthur Kill Ecologically Sensitive Maritime and Industrial Area, or Significant Maritime and Industrial Areas, where applicable; the absence of unique or significant natural features or, if present, the potential for compatible development; the presence of substantial vacant or underused land; proximity to existing residential or commercial uses; the potential for strengthening upland residential or commercial areas and for opening up the waterfront to the public; transportation access; the maritime and industrial jobs potentially displaced or created; and the new opportunities created by redevelopment. Public actions— such as property disposition, urban renewal plans, and infrastructure provision—should facilitate redevelopment of underused property to promote housing and economic development and enhance the city's tax base, subject to consideration of Policy 2, where applicable.

The Proposed Actions are consistent with this policy. The Proposed Actions would encourage the redevelopment of the underutilized Projected Development Site to be more consistent with the existing stable residential community in the surrounding area. A significant portion of the Projected Development Site is currently vacant and unimproved, which is ideally suited near a major corridor (Linden Boulevard) to support residential growth for the neighborhood. Linden Boulevard is an unusually wide street, at 170 feet, and is a major thoroughfare with a wide range of building heights and a diverse mix of uses, which is considered suitable for redevelopment of residential uses at a higher density.

1.3 Encourage redevelopment in the Coastal Zone where public facilities and infrastructure are adequate or will be developed.

Encourage development at a density compatible with the capacity of surrounding roadways, mass transit, and essential community services such as public schools. Lack of adequate local infrastructure need not preclude development, but it may suggest the need to upgrade or expand inadequate or deteriorated local infrastructure.

The Proposed Actions are consistent with this policy. The Proposed Actions would facilitate the redevelopment of the underutilized Projected Development Site for residential uses in close proximity to a major corridor (Linden Boulevard) and public transit infrastructure (MTA Bus B13, B14, B15, B20, and BM5) and would integrate the site into the nearby established residential and commercial areas.

The Projected Development Site is located within Jewel Streets, which refers to the north-south streets named after various jewels: Ruby, Emerald, Amber, and Sapphire Streets. The 12-block neighborhood straddles East New York, Brooklyn and Lindenwood, Queens and is known to residents as "The Hole" due to its sunken streets. The low-lying area's high water table and lack of comprehensive stormwater and sanitary sewer infrastructure contribute to year-round flooding, even on sunny days.

The Proposed Development on the Projected Development Site would be hooked up into a municipal separate storm sewer system, where the sanitary sewage from the building would be sent to a Wastewater Resource Recovery Facility (WRRF) for treatment while the stormwater runoff would be discharged directly to the natural waterbody. The Applicant, through discussions with the New York City Department of Environmental Protection's (DEP) Building Water Systems Oversight (BWSO) and at their direction, has performed hydraulic capacity assessments of the sanitary sewer along 149th avenue at 79th Avenue, which will serve as the outlet to the Proposed Development. Preliminarily, it appears that an extension of this sanitary sewer south of its current existing terminus, will be required to facilitate connection, but the capacity of the system is believed to have more than adequate capacity and is not deemed to be adversely impacted by the Proposed Development.

Relative the proposed sanitary sewer extension, design and construction will be performed in a manner that does not have any future impacts on proposed grade adjustments, either raising or lowering. Preliminary evaluation indicates the required elevation of the sanitary extension to be greater than 10 feet below existing grade, so the sewer structure itself will present no impediment to future considerations relative to current or proposed changes to grade. A relevant manhole structure, necessary for the construction, will be built, as per standards and normal construction procedure, to accommodate the existing grade, while allowing for adjustment of the final casting elevation during any future roadway improvements. This is routine procedure intended by design to allow for modifications for exactly the purpose of accounting for roadway adjustments, and will be necessary for all structures, valve covers, etc., unrelated to any impacts or involvement of the development in the area of future roadway improvements. Relative to the other aspects of the development, the project team has been coordinating with the New York City Department of Transportation (DOT) and DEP throughout the preliminary design process to ensure that this project aligns with the Jewel Street Neighborhood Plan. It is understood that this area has been identified in the Plan as an area where the roadway is intended to be raised. The Proposed Development is designed with consideration of legal grade such that any proposed future capital project would not be in any way impacted or precluded by this development.

Given the long-lasting flooding issue in the area, the Proposed Development would be raised above the flood plain including the mechanical spaces to improve flood resiliency of the proposed building. The cellar level is proposed as parking and storage and would have a wet-floodproofed

permeable ground floor along with an exterior gabion wall system. The Proposed Development would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors. The proposed landscaping would further enhance the streetscape condition as a 10- to 15-foot setback is proposed around all three frontages with plantings, including a variety of trees and bushes native to the area. Street trees are also proposed within a 10-foot-wide sidewalk around all three frontages. A covered lobby entrance would also contribute to the streetscape mitigation elements. Should the street grade be raised by DOT, the Proposed Development would be able to accommodate it. The ground floor would be treated as a soft story with the building set back from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. With regard to stormwater runoff, the Proposed Development would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the combined sewer overflow (CSO) outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

<u>1.5 Integrate consideration of climate change and sea level rise into the planning and design of waterfront residential and commercial development pursuant to WRP Policy 6.2.</u>

Residential, commercial, and other non-industrial projects that comply with Article 6 Chapter 2 of the New York City Zoning Resolution satisfy the consistency requirements for Policy 1.2. If the project is not subject to the Zoning Resolution, the standards of Article 6 Chapter 2 of the Zoning Resolution should be used as guidelines for development and the inclusion of open space, visual access, upland connections, and water-related uses.

The Proposed Actions are consistent with this policy. Though buildings within Zone X are not required to comply with New York City Building Code Appendix G Flood Resistant Construction Standards, the cellar level parking spaces of the Proposed Development would be wet flood-proofed with FEMA-approved foundation flood vents to ensure the security of the building in the event of potential flooding.

With regard to flood resiliency, the Proposed Development would be raised above the flood plain including the mechanical spaces. The ground floor is proposed as parking and storage and would have a wet-floodproofed permeable ground floor along with an exterior gabion wall system. The Proposed Development would include streetscape treatment to mitigate any blank wall conditions and would include plantings. Any blank walls would be mitigated through the use of openings simulating windows as per the upper façade and the proposed gabion wall system

would provide a dynamic permeable envelope, which would allow for shadow play and a palette of natural colors. The proposed landscaping would further enhance the streetscape condition as a 10- to 15-foot setback is proposed around all three frontages with plantings, including a variety of trees and bushes native to the area. Street trees are also proposed within a 10-foot-wide sidewalk around all three frontages. A covered lobby entrance would also contribute to the streetscape mitigation elements. Should the street grade be raised by DOT, the Proposed Development would be able to accommodate it. The ground floor would be treated as a soft story with the building set back from the sidewalk/street line with planted areas. If/when the street is raised; the plantings would be spayed, the planted areas would be infilled with topsoil, and the landscaping elements would be replanted. With regard to stormwater runoff, the Proposed Development would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. In addition, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

Policy 5: Protect and Improve Water Quality in the New York City Coastal Area

5.1 Manage direct or indirect discharges to waterbodies.

The project that complies with the policy would minimize the negative impacts to fish and wildlife habitats caused by artificial input of large quantities of freshwater into tidal or brackish waterbodies and enhances freshwater inputs when it can be demonstrated that there will be ecological benefits; minimize the negative impacts to fish and wildlife habitats caused by effluent discharge that result in thermal changes from steam generating, heating, air conditioning, and industrial facilities; and limit discharge of vessel wastewaters into waterways by providing adequate pump out facilities.

Given the Projected Development Site's proximity to the Spring Creek, which contains the largest tract of undeveloped land and wetlands in the northern Jamaica Bay area, it is important for the Proposed Development to properly manage direct and indirect discharges to the natural waterbodies for the consideration of environmental protection.

The Proposed Development would not involve industrial uses that may result in a new direct or indirect discharge into water bodies. In the event that hazardous materials are identified on the site, the Proposed Actions would require remediation, which would prevent further discharge of such contamination into the groundwater and waterways.

As part of the Proposed Development, a stormwater pollution prevention plan (SWPPP) would be filed with the New York State Department of Environmental Conservation (NYSDEC). The SWPPP would comply with all the requirements of GP-0-10-001, NYSDEC's technical standard for erosion and sediment control, presented in "New York Standards and Specifications for Erosion

and Sediment Control," and NYSDEC's technical standard for post-construction stormwater control practices presented in the New York State Stormwater Management Design Manual. Under the With-Action condition, stormwater generated on the Projected Development Site would be directed to water quality settling chambers prior to discharge to the existing storm sewer on site. With the removal of sediments, there would be no harmful effect on the waters of the New York Harbor.

Therefore, the Proposed Actions would minimize the negative impacts on fish and wildlife habitats caused by effluent discharge.

Policy 6: Minimize Loss of Life, Structures, Infrastructure, and Natural Resources Caused by Flooding and Erosion, And Increase Resilience to Future Conditions Created by Climate Change

6.1 Minimize losses from flooding and erosion by employing non-structural and structural design measures appropriate to the site, the use of the property to be protected, and the surrounding area.

Where shoreline protection is necessary to protect development, it should incorporate climate change projections into its design, pursuant to Policy 6.2. Shoreline protection can be structural, natural, or a hybrid. An appropriate form of shoreline protection should protect public health and safety while minimizing impacts on ecosystems and public access.

As indicated below in **Figure 1**, the Projected Development Site is located within the 2015 PFIRMs 0.2% annual chance floodplain (500-year flood zone). However, per the New York City Flood Hazard Mapper[1], the Projected Development Site would fall within a 1% annual chance floodplain (100-year flood zone) in the 2020s. The base flood elevation for the nearest 1% annual chance flood plain will be used to analyze the building's future flood risk. Under Policy 6, the primary goal for projects within flood hazard areas is to reduce the risks posed by current and future flood events, mainly major storms that are likely to increase due to climate change and sea level rise.

The Proposed Development would be subject to compliance with NYC Building Code Appendix G[2]. As explained above, though the Projected Development Site falls within the 0.2% annual chance floodplain per 2015 PFIRMs, the nearest 1% annual chance floodplain shall be analyzed given that the Projected Development Site would fall within the 1% annual chance floodplain in the 2020s as a result of the sea level rise projection.

[1] https://dcp.maps.arcgis.com/apps/webappviewer/index.html?id=1c37d271fba14163bbb520517153d6d5

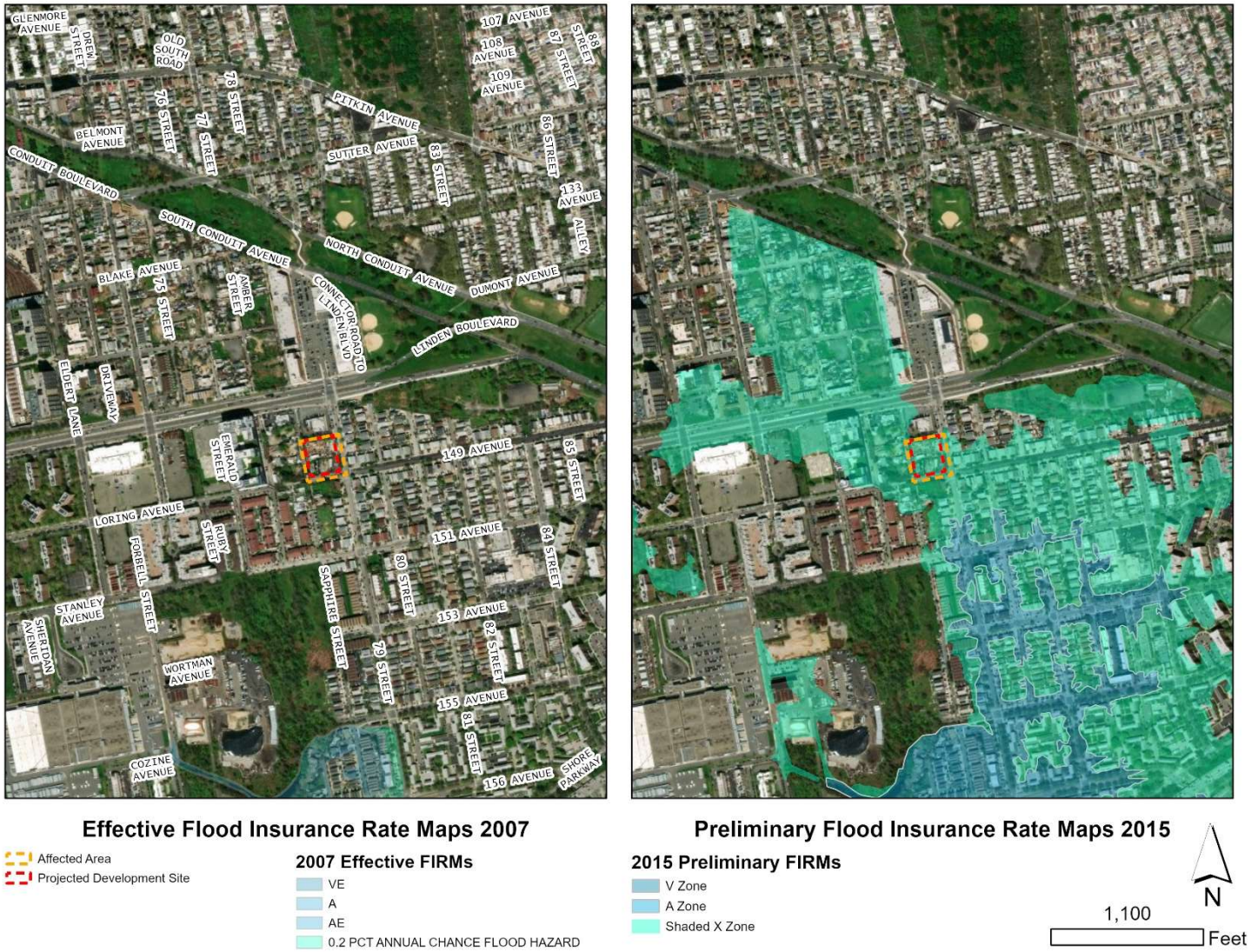
[2] Appendix G requires owners of severely damaged or destroyed buildings in the 1% annual chance floodplain to comply with the flood resistant construction standards of the Building Code when they rebuild. The same requirements are applicable to any new development, or substantially improved properties, when the development is located in whole or in part within the 1% annual chance floodplain.

As currently designed, the Proposed Development considers that the City of New York may elect to raise the level of the street in the future. The current grade surrounding the site slopes from +11'-9" along 79th Street to +4'-3" along Sapphire Street. Should the street grade be raised, the Proposed Development will be able to accommodate it. The anticipated street grade level change is approximately +1'-4" at 79th Street and approximately +9'-4" at Sapphire Street. To accommodate the future elevation change, the asphalt driveway will be regraded. The construction scope of the regrading is all exterior to the building and will not affect occupants or operations. As the garage can be accessed from both 79th Street and Sapphire Street, the garage can remain in operation while the regrading takes place as one side can be regraded at a time. In addition, the anticipated street grade level change has already been accounted for in the current design of the parking garage ramp height. Furthermore, the ground floor is treated as a soft story with the building set back from the sidewalk/street line with planted areas. When the street is raised, the plantings will be spayed, the planted areas will be infilled with topsoil, and the landscaping elements will be replanted. No residential units will be affected by this proposed scope, and the building will maintain all egress and ADA access throughout the entire process.

With regard to stormwater runoff, the Proposed Development would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. Further, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule.

The Proposed Development would incorporate structural measures to reduce the risks of damage from current and future coastal hazards while also designed to accommodate planned City infrastructure upgrades, which will increase resiliency in the surrounding area. Therefore, the Proposed Actions would be consistent with Policy 6.1.

Figure 1: 2007 FIRM vs. 2015 PFIRM



6.2 Integrate consideration of the latest New York City projections of climate change and sea level rise (as published in New York City Panel on Climate Change 2015 Report, Chapter 2: Sea Level Rise and Coastal Storms) into the planning and design of projects in the city's Coastal Zone.

The following assessment was prepared in accordance with *The New York City Waterfront Revitalization Program: Climate Change Adaptation Guidance Document for Policy 6.2.* The three basic steps to assessing an action's consistency with Policy 6.2 of the Waterfront Revitalization Program include identifying vulnerabilities and consequences, identifying adaptive strategies, and assessing policy consistency.

1. Identify Vulnerabilities and Consequences

a) Assess the Project Area's Exposure to current and future flood risk (Flood-Evaluation Worksheet). The information in the following subsections is based on the results of the completed flood evaluation worksheet, which is provided in Appendix E.

New York City is highly susceptible to coastal hazards such as flooding, hurricanes, and storm surges as a result of climate change and sea level rise. As indicated below in Table 1, according to the 2015 New York City Panel on Climate Change (NPCC) projections, sea levels have risen 1.1 feet at the Battery since 1900, and higher sea levels in the future are highly anticipated.

Table 1: Sea Level Rise Projections

	Low Estimate	Middle Range			High Estimate
	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
2020s	+ 2 in.	+ 4 in.	+ 6 in.	+8 in.	+10 in.
2050s	+8 in.	+ 11 in.	+16 in.	+21 in.	+30 in.
2080s	+13 in/	+18 in.	+29 in.	+39 in.	+58 in.
2100	+15 in.	+22 in.	+36 in.	+50 in.	+75 in.

As shown in **Figure 1** above, the Projected Development Site is currently located within the boundaries of 0.2% annual chance floodplain pursuant to the 2015 PFIRMs. However, as projected in the New York City Flood Hazard Mapper[3] (see **Figure 2** to **Figure 5** for 2020s to 2100 future floodplain projections and **Figure 6** for 2100 future high tide projections), the Projected Development Site would fall within Zone AE (1% annual chance floodplain or 100-year floodplain) with higher flooding risks under future flood projections from the 2020s. As discussed above, while the Projected Development Site is currently not within the 1% annual chance floodplain, the Proposed Development will be built to NYC Building Code Appendix G standards with a Design

[3] Not intended for site-specific analysis, but serves as an estimate of future flood risk.

Flood Elevation (DFE) of +12 feet. As discussed below, the DFE would be overtopped by future 90th percentile floodplain projections by the 2080s, however, a number of adaptive measures have been considered to manage these future conditions. The Projected Development Site is not anticipated to be impacted by future hide tides under any sea level rise projections.

Per the guidance of Policy 6.2, the nearest Base Flood Elevation (BFE) of an existing 1% annual chance floodplain available on the flood hazard mapper shall be adopted for the Projected Development Site for a more conservative analysis result. Per the New York City Flood Hazard Mapper, the closest available 1% annual chance floodplain has a BFE of 10 feet, which is located approximately one block to the south of the Projected Development Site along 151st Avenue. Accordingly, the DFE at the Projected Development Site is 12 feet by adding 2 feet to the BFE of freeboard.

Figure 2: Future 2020s Floodplain Projections

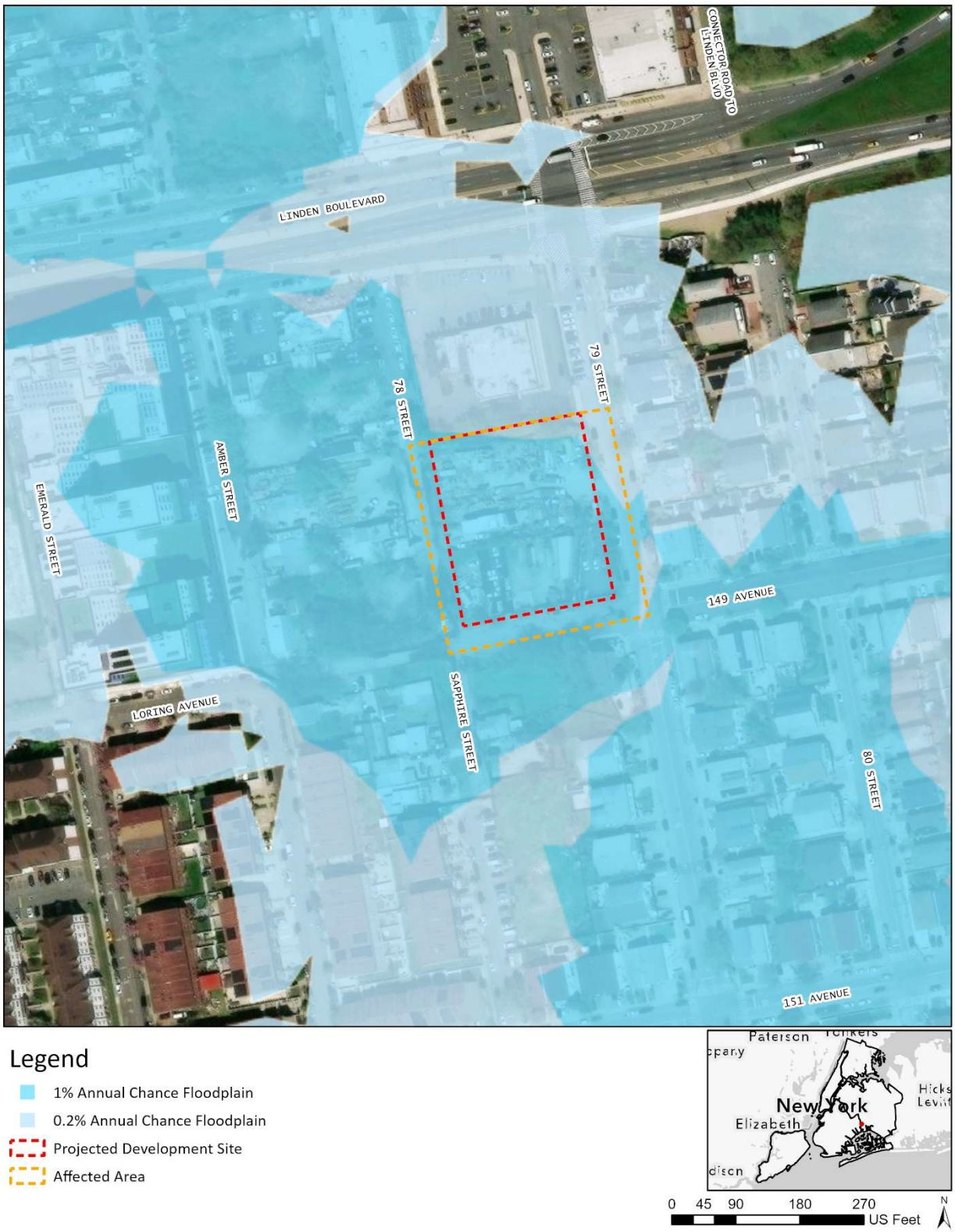


Figure 3: Future 2050s Floodplain Projections

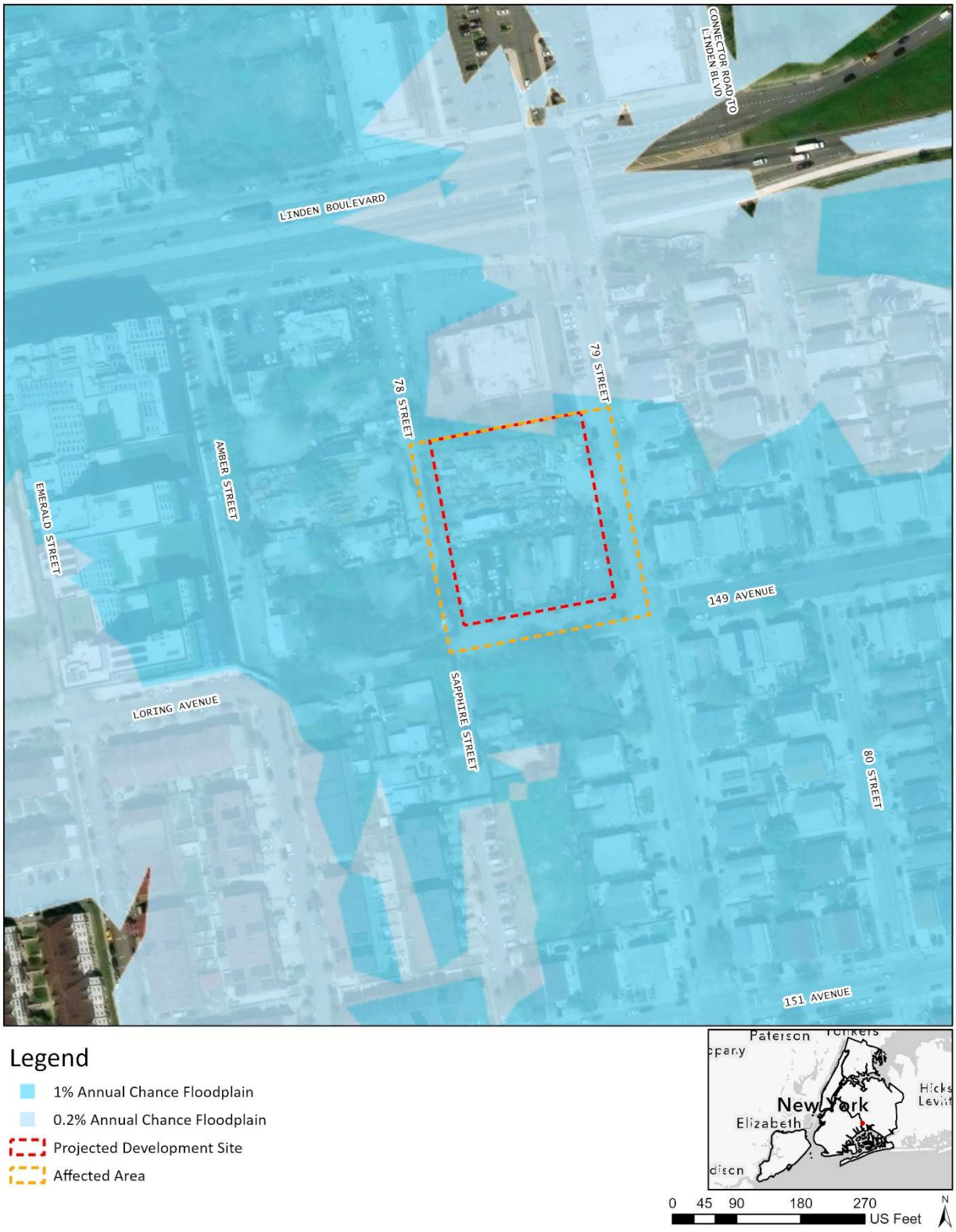


Figure 4: Future 2080s Floodplain Projections

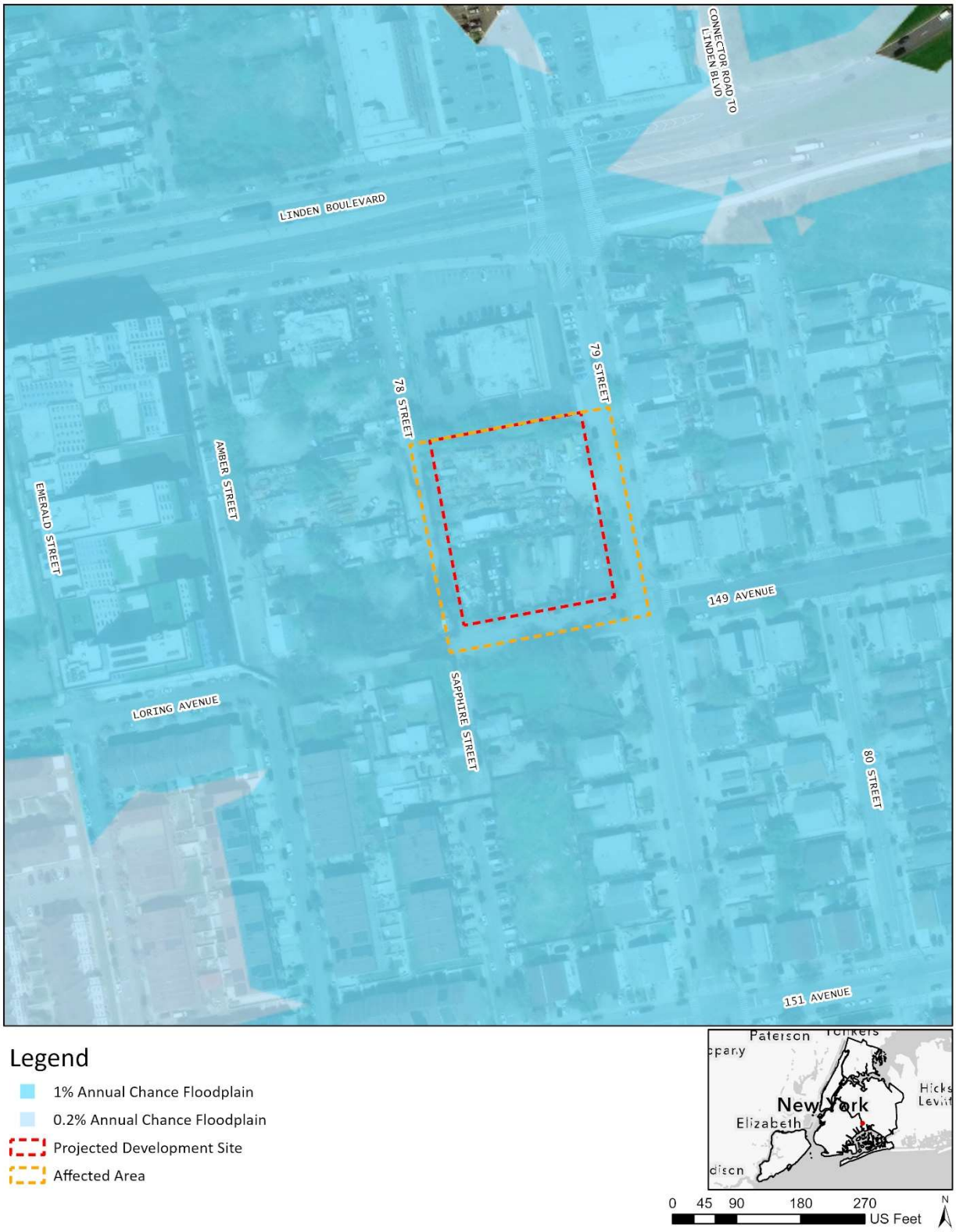


Figure 5: Future 2100 Floodplain Projections

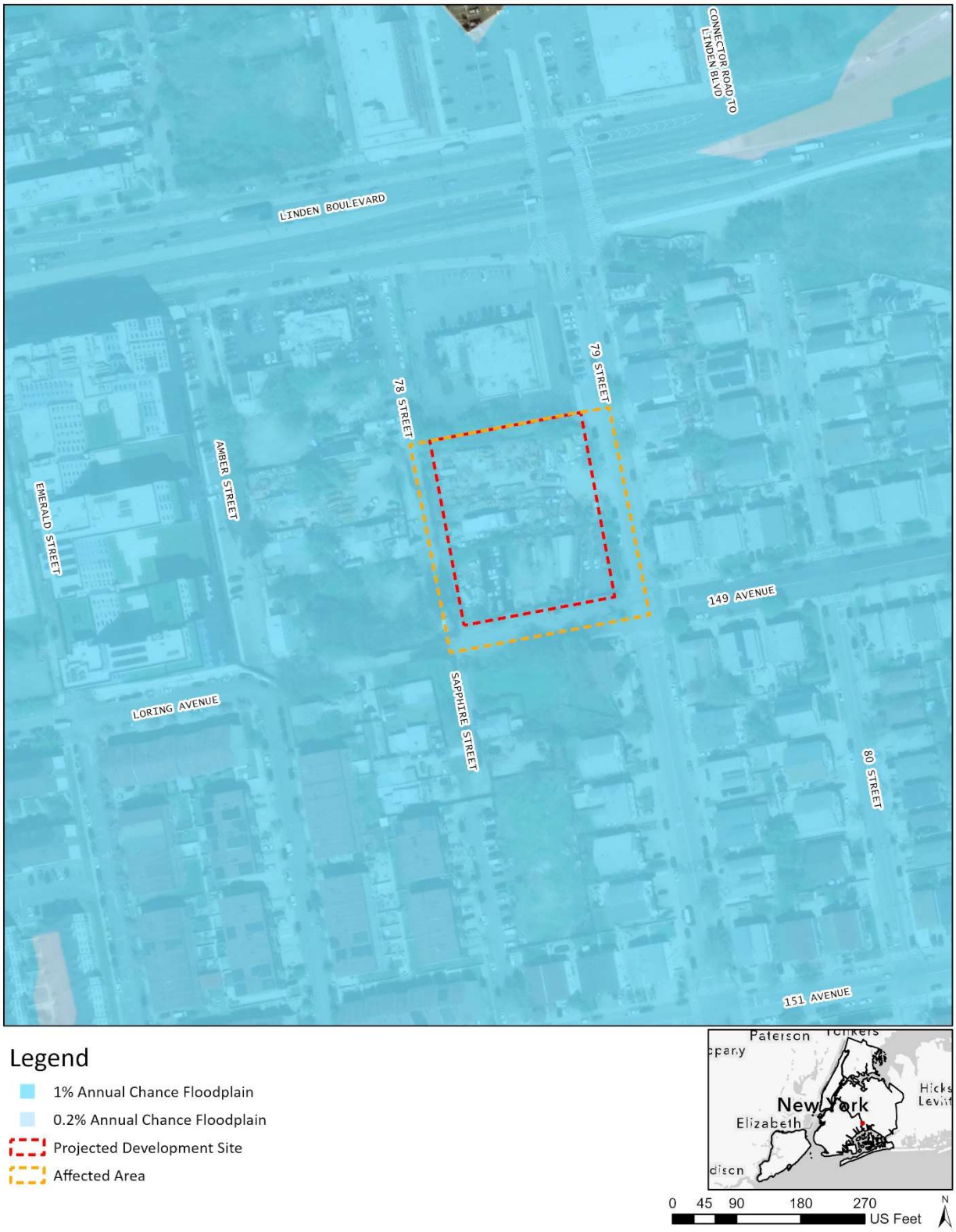


Figure 6: Future 2100 High Tide



The Flood Evaluation Worksheet, provided in Appendix C, was completed using the site-specific data as follows:

According to datum (NAVD88) obtained from the National Oceanic and Atmospheric Administration (NOAA) website for the nearest NOAA station – North Channel Station (Station ID 8517201) - the adjusted mean of the higher high-water height (MHHW) is 3.05 feet. Pursuant to the 2015 PFIRMs, the 1% flood height for the nearest Zone AE around the Projected Development Site is 10.0 feet in NAVD88, which is located to the south of the Projected Development Site along 151st Avenue. Accordingly, the DFE is 12.0 feet for the Projected Development Site.

The Proposed Actions would facilitate the redevelopment of the underutilized Projected Development Site for residential uses. As shown in **Figure 7, t**he cellar level would contain residential accessory off-street parking spaces, which would be wet flood-proofed with FEMA-approved foundation flood vents. As shown in **Figure 8,** the first floor would contain dwelling units and building mechanicals at an elevation of 14.25 feet above grade (NAVD88 Datum). As shown in **Figure 9,** the cellar level would be located at approximately 4.25 feet in elevation above grade (NAVD88 Datum). The first-floor level would be located at approximately 14.25 feet in elevation above grade (NAVD88 Datum) and would serve as the main point of pedestrian egress. All residential units on the first-floor level would have at least one egress window installed as an alternative to the lobby, which is located along 79th Street and has egress at an elevation of 14.25 feet above grade (NAVD88 Datum), which is above the current DFE. The sill height of residential egress windows on the first floor would be located at approximately 17.92 feet in elevation above grade (NAVD88 Datum), which is required to not exceed 44 inches (3.67 feet) above the finished floor on the first floor. These egress windows are operable for air circulation daily, and in the event of flooding, they can serve as alternate emergency exits for the affected residents occupying first floor units to safely vacate the building. All residential units on the first-floor level would have at least one egress window installed. For the residential units on the upper floors, they will not be impacted by flooding based on sea level rise projections. However, in a storm event, upper floor residents would be able to evacuate via emergency stairs and lobby egress, which will remain outside of the floodplain until the 2080s.

Based on the results of the calculations completed in the flood evaluation worksheet using site-specific data, **Figure 10** shows the results of the 1% Flood Elevation and Sea Level Rise projections, and **Figure 11** shows the results of the MHHW and SLR projections.

Figure 7: Proposed Project Cellar Level Plan

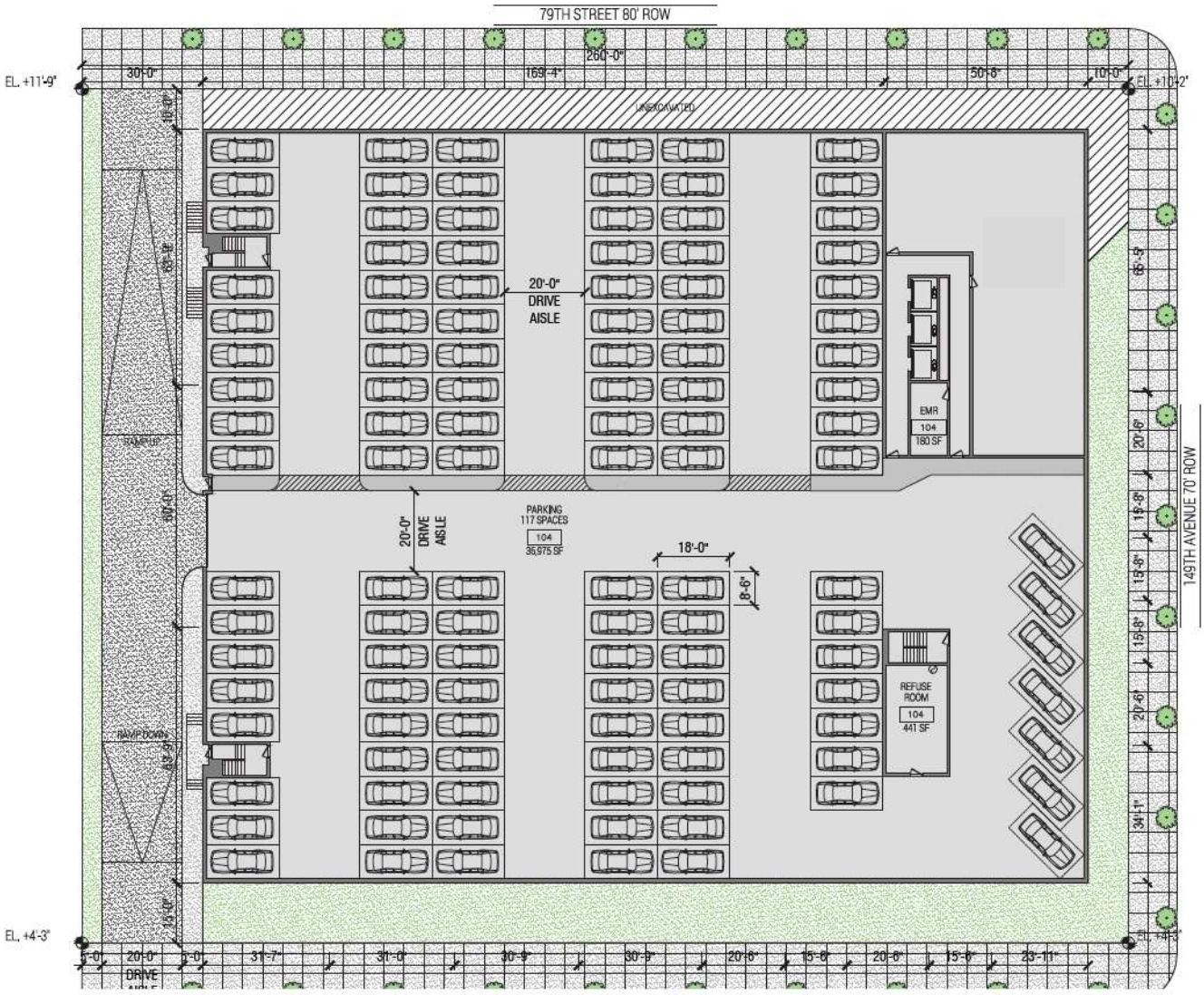


Figure 8: Proposed Development First Floor Plan

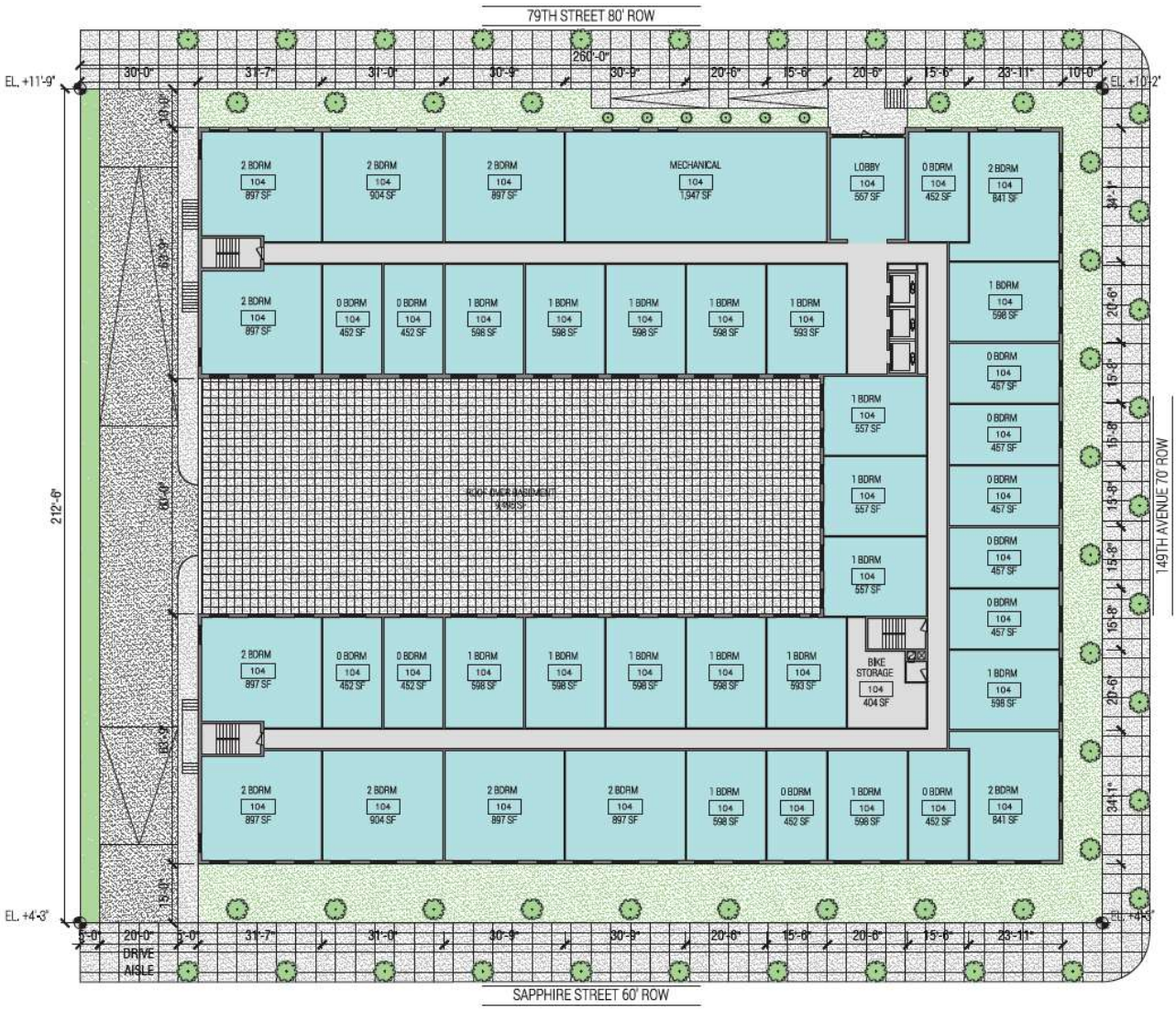


Figure 9: Proposed Building Section Plan

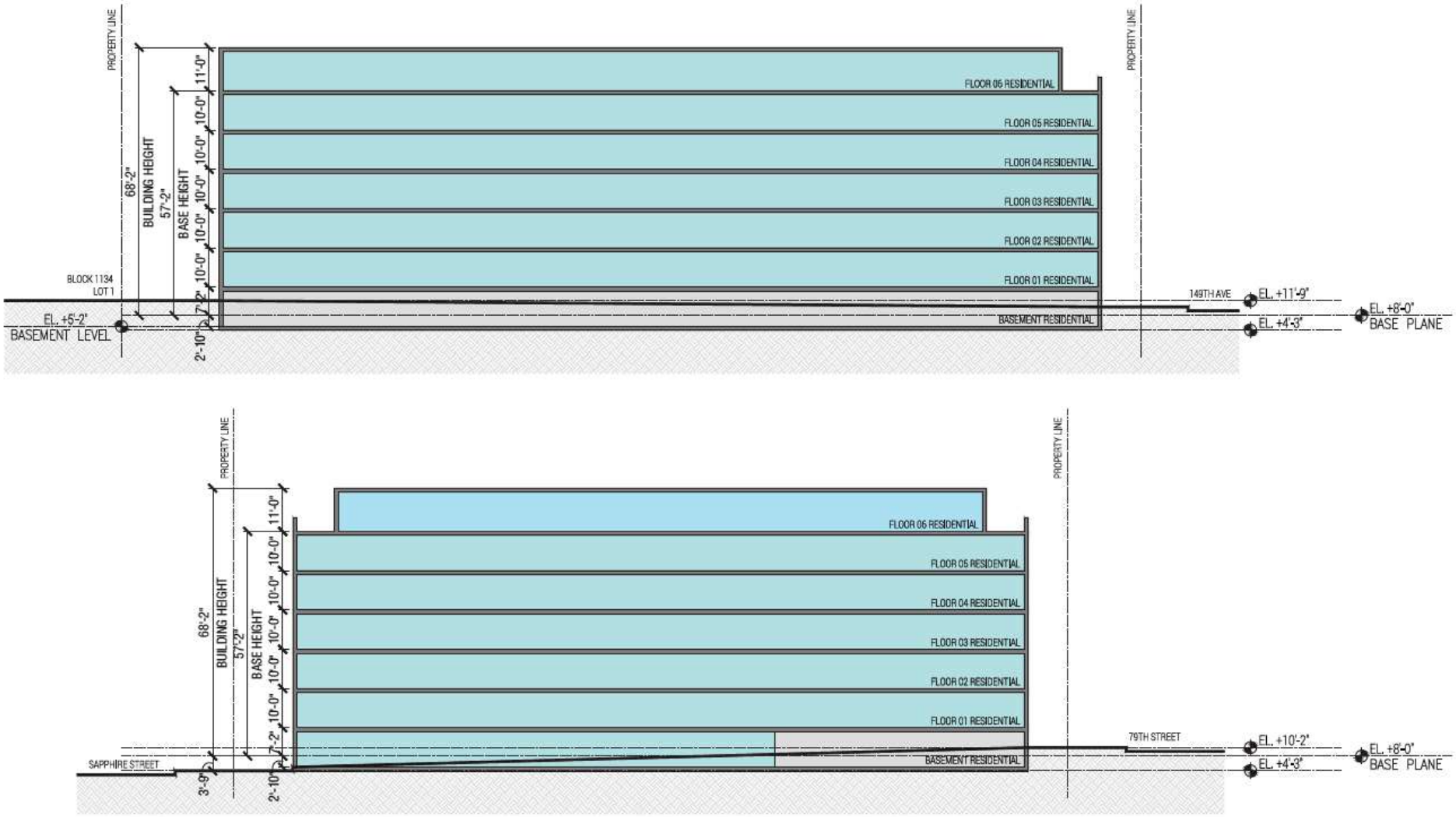


Figure 10: 1% Flood Elevation and SLR Projections

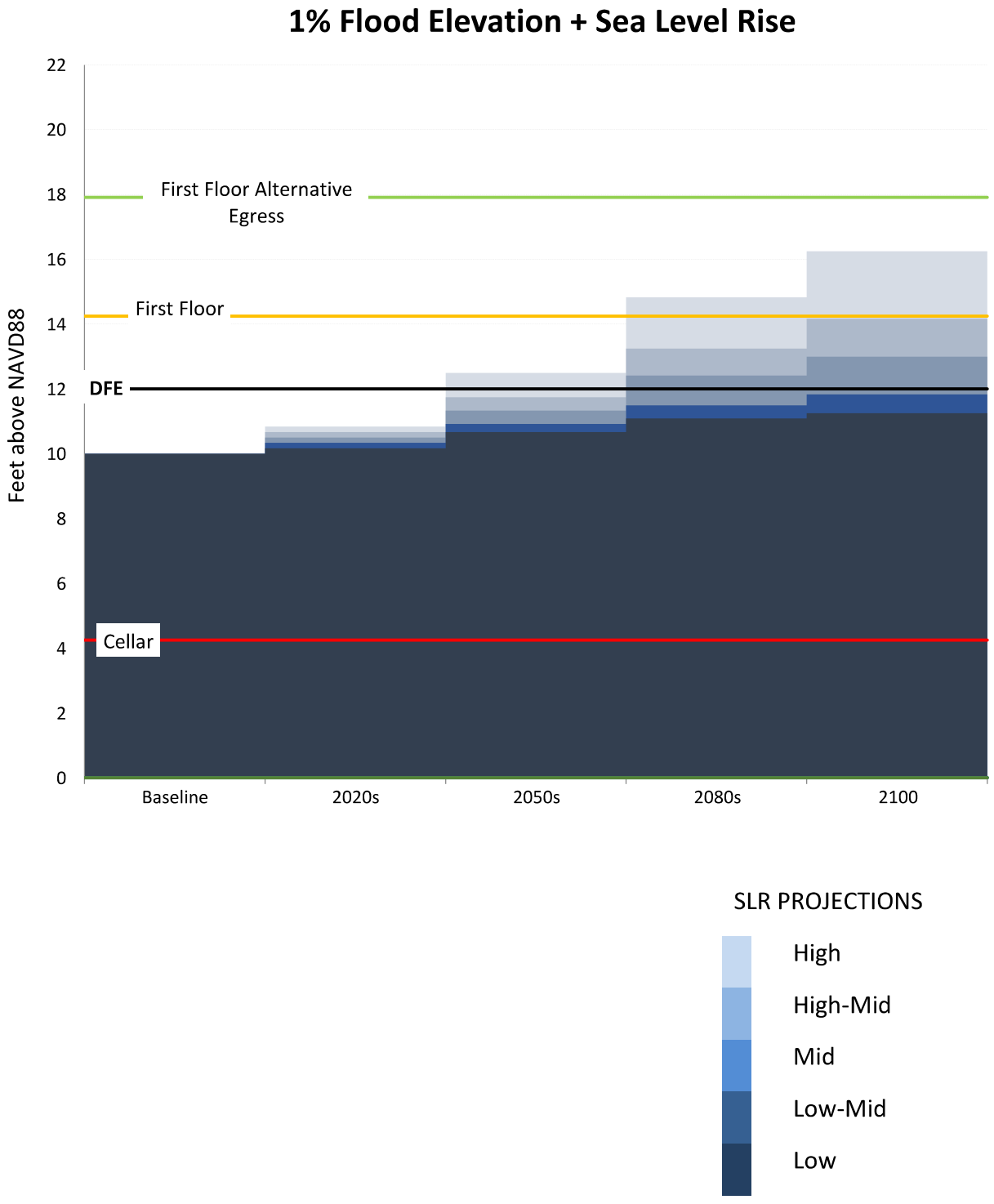
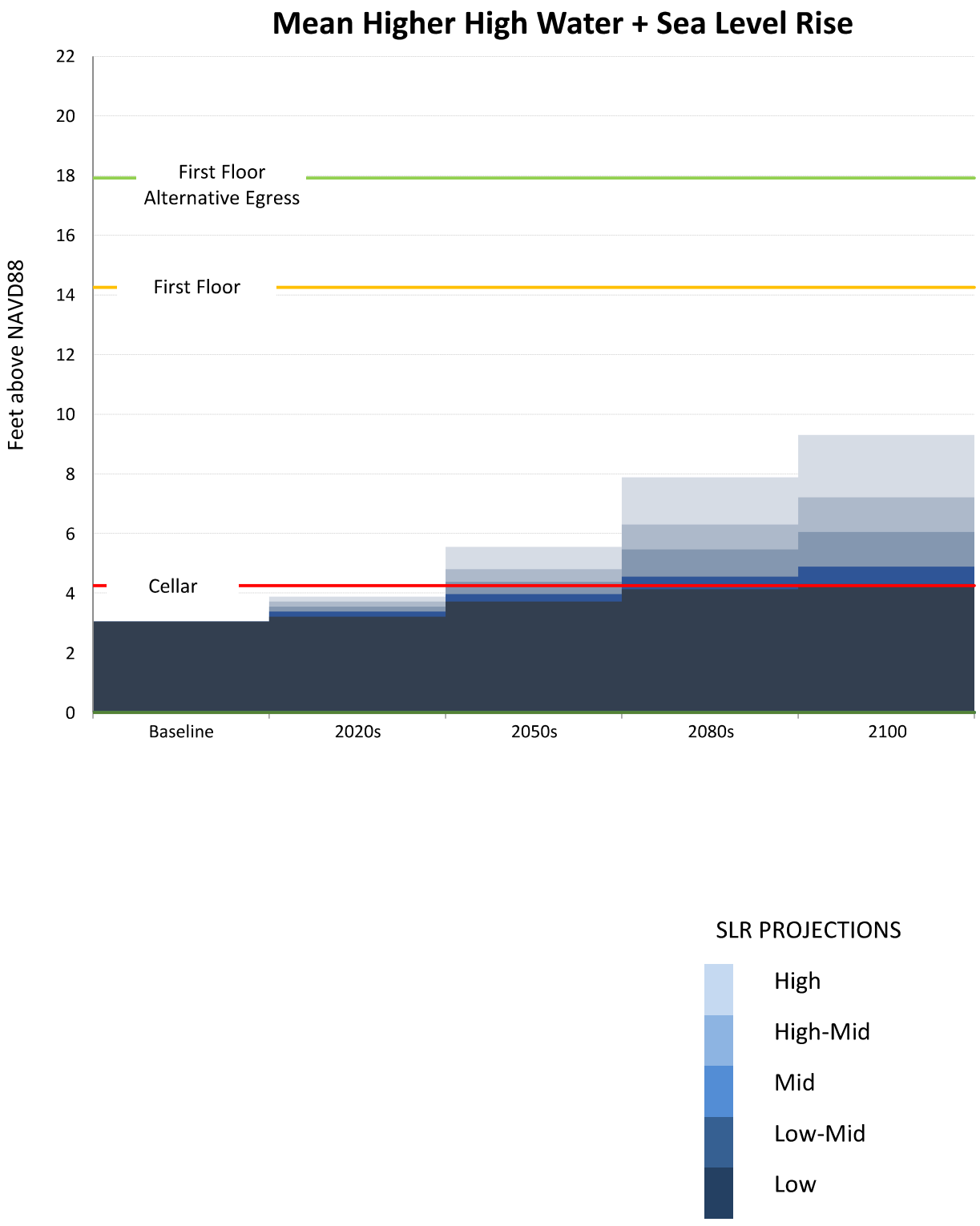


Figure 11: MHHW and SLR Projections



b) Identify any Project Features that may be located below the elevation of the 1% floodplain over the lifespan of the project under any SLR scenario:

As indicated in **Figure 10** above, currently and in the future, the Proposed Project's cellar level is located within the 1% annual chance flood elevation under Low Sea Level Rise (SLR) projections. The first-floor level would be impacted by the 1% chance annual floodplain under High SLR projections by the 2080s and 2100.

The cellar level, located at an elevation of 4.25' (NAVD88), would contain parking spaces. The first-floor level, located at an elevation of 14.25' (NAVD88), would contain residential units and building mechanicals. The first-floor residential egress level, located at an elevation of 17.92' (NAVD88), would serve as a vital escape route in case of fire, flood, or other emergencies.

c) Identify any vulnerable, critical, or potentially hazardous features that may be located below the elevation of Mean Higher High Water over the lifespan of the project under any sea level rise scenario.

As indicated in **Figure 8** above, only the Proposed Development's cellar level has the potential to be impacted by the elevation of the Mean Higher High Water under mid SLR projections by the 2050s and under low-mid SLR projections by the 2080s and 2100. The Proposed Development features that are listed as vulnerable on the cellar level include parking spaces. There are no project features that are listed as critical or potentially hazardous below the level of the Mean Higher High Water over the lifespan of the Proposed Development under any sea level rise scenario.

d) Identify if the project or action would facilitate the development of any vulnerable, critical, or potentially hazardous features, as defined under "Key Terms" below, within areas exposed to flooding from Mean Higher High Water or 1% Annual Chance Flood by the 2050s under the 90th percentile of sea level rise projections:

Vulnerable, Critical or Potentially Hazardous Features Pursuant to Policy 6.2 guidance[4]:

- *Vulnerable Features if damaged have the potential to incur significant damage if flooded.*

  These include any form of enclosed space within a building, including residential, commercial, industrial, or community facility land uses; enclosed parking structures; storage areas; enclosed recreational facilities; and bulkheads, revetments, piers, platforms, and other in-water infrastructure elements.

  The Proposed Development features that are listed as vulnerable are on the cellar level include parking spaces. On the first-floor level, the vulnerable features include residential

[4] http://www1.nyc.gov/assets/planning/download/pdf/applicants/wrp/revisions-2017/policy-62-guidance-document.pdf

units. On the first-floor residential egress level, the vulnerable features include egress windows.

- *Critical Features if damaged, would have severe impacts on the project and its ability to function.*

The project features that if damaged would have severe impacts on the project and its ability to function as designed. Examples include electrical utilities, building heating and cooling systems, telephone and data connection and distribution rooms, and other supporting and related building technology and utility spaces.

There are no project features that are listed as critical on the cellar level or the first-floor residential egress level. On the first-floor level, the critical building features include building mechanicals.

- *Potentially Hazardous Features, if damaged or made insecure by flooding, could potentially adversely affect the health and safety of the public and the environment.*

Examples include hazardous materials, including highly volatile, flammable, explosive, toxic, or water-reactive materials; and materials that have the potential to become waterborne in the event of a flood and would be dangerous to the health and safety of the public and the environment, such as the storage of construction materials, demolition debris, and aggregate materials.

The Proposed Development would not introduce any hazardous features, materials, or substances that if made insecure, would result in a threat to public health or the environment.

The Following are Vulnerable and Critical Features Project Features:

- Cellar Level: The cellar level, located at an elevation of 4.25' (NAVD88), is subject to flooding from the 1% annual chance flood currently, and in the future under low SLR projections. Though not currently subject to flooding from the Mean Higher High Water, in the future, the cellar level would be subject to flooding from the Mean Higher High Water by the 2050s under mid SLR projections and by the 2080s and the 2100 under low-mid SLR projections. The cellar level would contain vulnerable features such as parking spaces.
- First-Floor Level: The first-floor level, located at an elevation of 14.25' (NAVD88), would contain vulnerable features as residential units and critical features as building mechanicals. While this level would not be subject to flooding from the Mean Higher High Water under any SLR projections, it would be subject to flooding from the 1% annual chance flood plain by the 2080s and 2100 under high SLR projections.

Given that the Projected Development Site would fall within the 1% annual chance floodplain in the 2020s, though not currently, the Proposed Development is still required to meet the NYC Building Code Appendix G, the Proposed Development would introduce wet floodproofing measures on the cellar level to secure the safety of the building in the events of future flooding.

Should the street grade be raised by DOT, the Proposed Development would be able to accommodate it. The Proposed Development would incorporate structural measures to reduce the risks of damage from current and future coastal hazards while also designed to accommodate planned City infrastructure upgrades, which will increase resiliency in the surrounding area.

Therefore, the Proposed Actions comply with Policy 6.2 by integrating consideration of the latest New York City projections of climate change and sea level rise into the planning and design of projects in the city's Coastal Zone.

2. Identify Adaptive Strategies

The goal of Step 2 under WRP Policy 6.2 is to assess how the vulnerabilities and consequences identified in Step 1 are addressed through the project's design and planning. Assess how applicable codes and regulations, planned flood damage reduction elements and adaptive measures, or likely future infrastructure investments (beyond the scope of the proposed project), would or would not reduce potential flood damage for any proposed vulnerable, critical, or potentially hazardous features.

Because the Projected Development Site is susceptible to the impacts of sea level rise and future flood events, it is recommended that building scale resiliency measures and flood mitigation strategies be considered. Pursuant to *Policy 6.2: Climate Change Adaptation Guidance*, consideration of climate change projections for coastal flooding and sea level rise should be incorporated into the design and planning of projects. The Proposed Development should identify potential vulnerabilities to and consequences of sea level rise and coastal flooding over its lifespan and identify and incorporate design techniques to address these risks.

Recommendations

As indicated above in Policy 6.0, and under Policy 6.2, Step 1(d), the Proposed Actions would employ wet-floodproofing construction measures to protect the vulnerable building features (parking spaces) on the cellar level.

Since the Projected Development Site is currently not located within the high-risk flooding area and the first-floor level would be subject to flooding from the 1% annual chance flood plain by the 2080s and 2100 under high SLR projections, the following recommended measures are not required at this time. However, the Proposed Development should consider employing future building-scale resiliency measures for the first-floor level to avoid the potential risks related to future coastal flooding. Site-specific critical and vulnerable features on the first-floor level include

residential units and building mechanicals. Based on the flood projections above, measures should be considered to increase first-floor building-scale resilience to future flood conditions.

a) Flood Damage Reduction Elements/Controls:

Building Scale Resilience Measures

The following are recommendations that could be employed in the future for flood resilience techniques and controls will minimize future damage and vulnerability to the subject building:

- Water-resistant flooring with waterproof adhesive or pressure-treated subfloor;
- Rigid, closed-cell foam insulation;
- Removable or hinged wainscot panels;
- Elevated outlets;
- Chair rail molding over a gap in the wallboard to prevent wicking;
- Extra-wide snap on baseboard;
- Adaptive measures for first floor mechanicals (elevated platform for building mechanicals, backup power system, etc.); and
- Alternate means of egress located above future flood depths (which may require access via temporary ramps or stairs).
- Discontinuing residential use on the first floor to allow for redesign of first floor mechanicals and egress.

While not currently required, these building-scale resiliency controls, if implemented, will protect the residential units and building mechanicals on the first-floor level and reduce the susceptibility of water damage to the interior spaces. The Applicant has been educated about flood risks and mitigation measures and may consider the implementation of the above listed future adaptive flood damage reduction elements.

b) Flood Protection of Adjacent Sites:

The Proposed Development would not increase stormwater runoff and would not introduce any hazardous features that would impact the health, safety, or welfare of surrounding residents in the event of a flood. Instead, the Proposed Development would adhere to the Unified Stormwater Rule through the utilization of onsite retention and detention as required, with use of the CSO outlet, as previously discussed with DEP, that runs down 79th Street as the stormwater outlet. Further, the Applicant is considering a blue roof design to implement green infrastructure practices in accordance with the Unified Stormwater Rule. Therefore, the Proposed Actions would not affect the flood protection of adjacent sites.

3. Assess Policy Consistency

Pursuant to Policy 6.2 Guidance:

A project or action would advance the policy when:

- *No new vulnerable, critical, or potentially hazardous features would be located within area flooded by current or future high tide, or current or future 1% annual chance flood, over the project's lifespan, or*
- *All new vulnerable, critical or potentially hazardous features would be protected through flood damage reduction elements or future adaptive measures within the timeframe that they would be needed.*

A project or action would hinder the policy when:

- *Vulnerable, critical or potentially hazardous features would be introduced in areas that will be flooded by high tide during the project's lifespan and adaptive measures are not feasible.*
- *Industrial development would not be protected from 2050s high tides or the current 1% annual chance flood.*
- *Critical infrastructure would not be protected to the elevation of the 1% annual chance storm over its lifespan.*
- *Shoreline structures would not function as intended with increases in sea levels projected over their lifespan.*

As discussed above, vulnerable features such as parking areas on the cellar level are subject to flooding from the 1% annual chance flood event currently and in the future under low SLR projections. Accordingly, the Proposed Development would incorporate wet-floodproofing for the cellar building area to protect these vulnerable building features from future flood events. These building-scale resiliency measures and adaptive strategies would minimize the potential damage to site-specific vulnerable features. The Applicant has been educated about future flood risks and would consider the employment of future building-scale resiliency measures for the first-floor level based on the flood projections related to the 1% annual chance flood elevation. Lastly, construction and remediation of the site would be performed pursuant to applicable Local, State, Federal regulations and laws. Therefore, the Proposed Actions are consistent with Policy 6.2 of the Waterfront Revitalization Program and would not jeopardize the intent of the WRP.

NYC Waterfront Revitalization Program - Policy 6.2 Flood Elevation Workhsheet

COMPLETE INSTRUCTIONS ON HOW TO USE THIS WORKSHEET ARE PROVIDED IN THE "CLIMATE CHANGE ADAPTATION GUIDANCE" DOCUMENT AVAILABLE AT www.nyc.gov/wrp

Enter information about the project and site in highlighted cells in Tabs 1-3. Tab 4, "Summary Charts" contains primary results. Tab 5, "0.2%+SLR" produces charts to be used for critical infrastructure or facilities. Tab 6, "Calculations" contains background computations. Appendix A contains tide elevations for station across the city to be used for the elevation of MHHW if a site survey is not available. Non-highlighted cells have been locked.

Background Information	
Project Name	135-27 Sapphire Street Rezoning
Location	135-27 Sapphire Street, Queens, New York 11414
Type(s)	☑ Residential, Commercial, Community Facility ☐ Parkland, Open Space, and Natural Areas ☐ Tidal Wetland Restoration ☐ Critical Infrastructure or Facility ☐ Industrial Uses ☐ Over-water Structures ☐ Shoreline Structures ☐ Transportation ☐ Wastewater Treatment/Drainage ☐ Coastal Protection
Description	The Applicant, 135 Sapphire LLC, requests approval of a zoning map amendment and a zoning text amendment over Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45, and p/o 1 in the Lindenwood neighborhood of Queens Community District 10. The Proposed Actions would facilitate the development of a new 6-story plus cellar, 68-foot-2-inch-tall, 217,433 GSF (156,431 ZSF, 2.84 FAR) residential building on Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 with a combined lot area of approximately 55,173 square feet.
Planned Completion Date	2028
Expected Project Lifespan	100 Years

The New York City Waterfront Revitalization Program Climate Change Adaptation Guidance document was developed by the NYC Department of City Planning. It is a guidance document only and is not intended to serve as a substitute for actual regulations. The City disclaims any liability for errors that may be contained herein and shall not be responsible for any damages, consequential or actual, arising out of or in connection with the use of this information. The City reserves the right to update or correct information in this guidance document at any time and without notice.

For technical assistance on using this worksheet, email wrp@planning.nyc.gov, using the message subject "Policy 6.2 Worksheet."

Last update: Sept. 7, 2018

Establish current tidal and flood heights.

	FT (NAVD88)	Feet	Datum	Source
MHHW	3.05	**3.05**	**NAVD88**	*North Channel Station Datum Adjusted Value*
1% flood height	10.00	**10.00**	**NAVD88**	*Nearest Zone AE BFE - 2015 PFIRMs*
Design flood elevation	12.00	**12.00**	**NAVD88**	*BFE + 2*
As relevant:				
0.2% flood height	12.00	12.00	**NAVD88**	

Data will be converted based on the following datums:

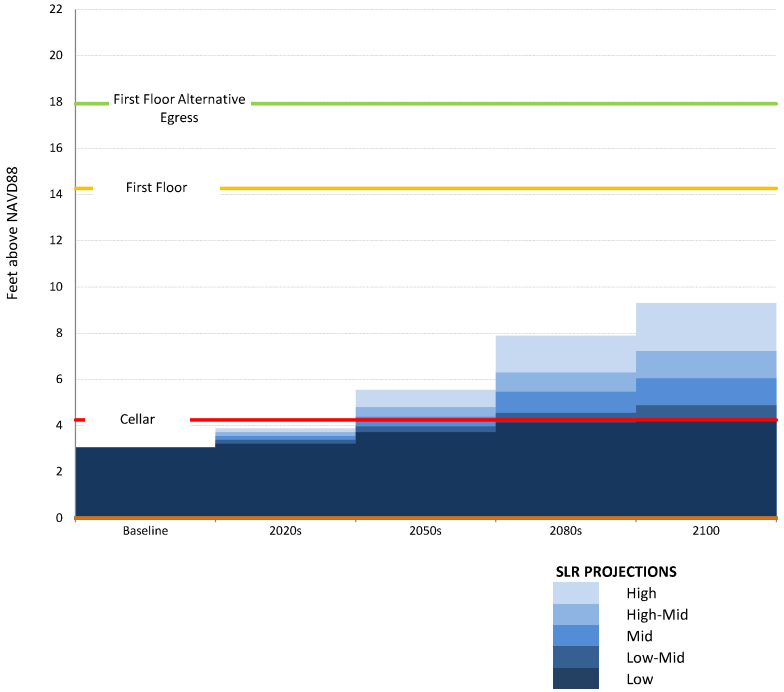
Datum	FT (NAVD88)
NAVD88	*0.00*
NGVD29	*-1.10*
Manhattan Datum	*1.65*
Bronx Datum	*1.51*
Brooklyn Datum (Sewer)	*0.61*
Brooklyn Datum (Highway)	*1.45*
Queens Datum	*1.63*
Richmond Datum	*2.09*

Describe key physical features of the project.

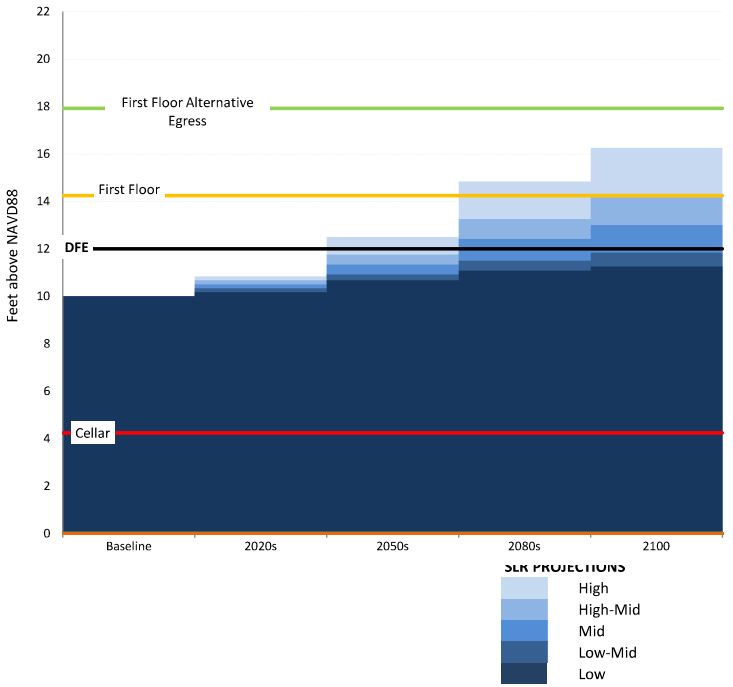
Feature *(enter name)*	Feature Category	Lifespan	Elevation	Units	Datum	Ft	Ft Above NAVD88	Ft Above MHHW	Ft Above 0.2% flood height
Cellar	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100 Years	4.3	Feet	NAVD88	*4.3*	*4.3*	*1.2*	*-7.8*
Parking - Wet-Floodproofed									
First Floor	☑ Vulnerable ☑ Critical ☐ Potentially Hazardous ☐ Other	100 Years	14.3	Feet	NAVD88	*14.3*	*14.3*	*11.2*	*2.3*
Dwelling Units, Building Mechanicals									
First Floor Alternative Egress	☑ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other	100 Years	17.9	Feet	NAVD88	*17.9*	*17.9*	*14.9*	*5.9*
Residential Egress Windows- 44 inches above finished floor									
	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88				
Description of Planned Uses and Materials									
	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88				
Description of Planned Uses and Materials									
	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88				
Description of Planned Uses and Materials									
	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88				
Description of Planned Uses and Materials									
	☐ Vulnerable ☐ Critical ☐ Potentially Hazardous ☐ Other			Feet	NAVD88				
Description of Planned Uses and Materials									

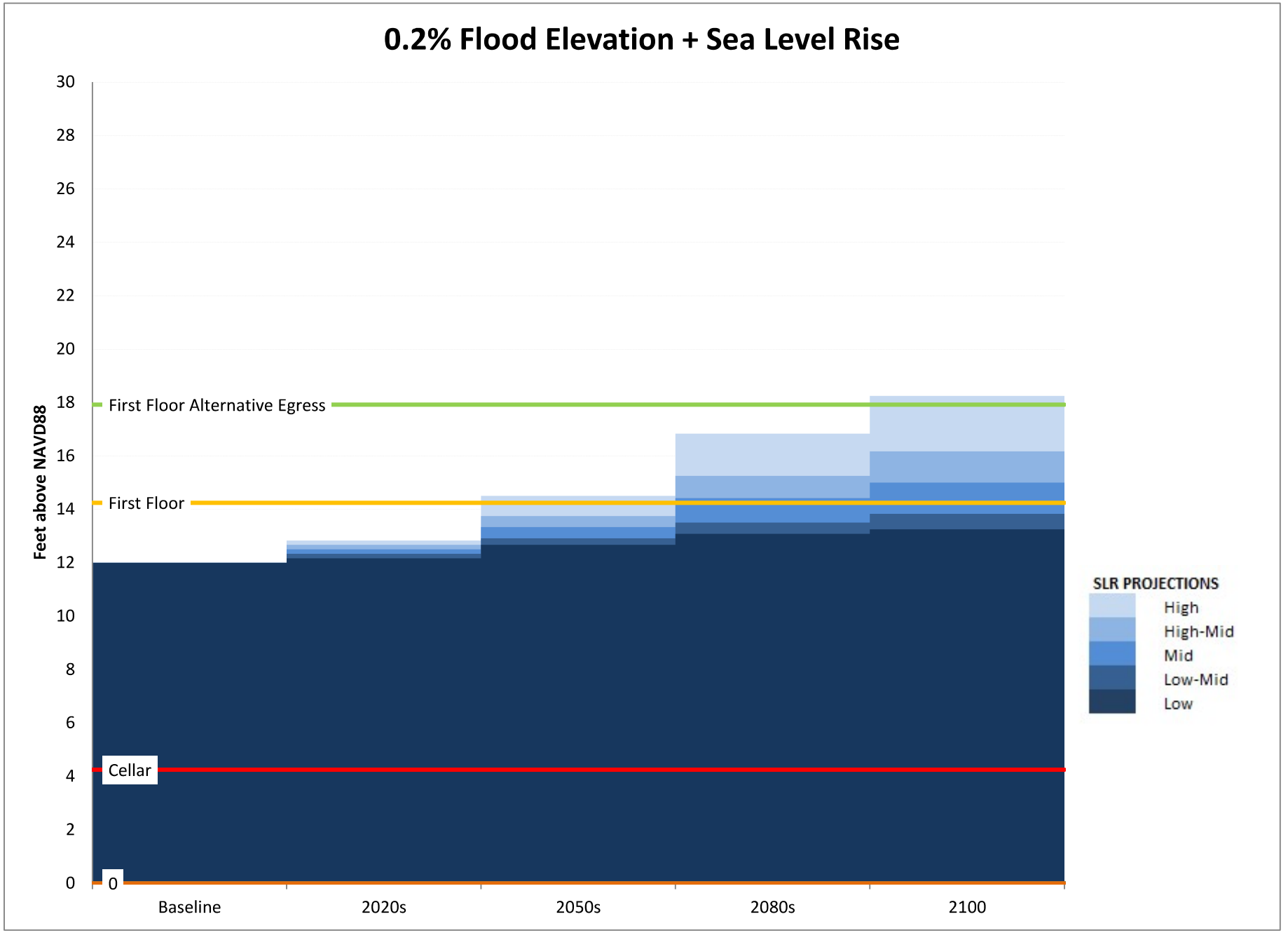
Assess project vulnerability over a range of sea level rise projections.

Mean Higher High Water + Sea Level Rise



1% Flood Elevation + Sea Level Rise




0.2% Flood Elevation + Sea Level Rise
Feet above NAVD88
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
First Floor Alternative Egress
First Floor
Cellar
0
Baseline
2020s
2050s
2080s
2100
SLR PROJECTIONS
High
High-Mid
Mid
Low-Mid
Low

	SLR (ft)					
	Low	**Low-Mid**	**Mid**	**High-Mid**	**High**	
Baseline	0.00	0.00	0.00	0.00	0.00	**2014**
2020s	0.17	0.33	0.50	0.67	0.83	**2020s**
2050s	0.67	0.92	1.33	1.75	2.50	**2050s**
2080s	1.08	1.50	2.42	3.25	4.83	**2080s**
2100	1.25	1.83	3.00	4.17	6.25	**2100**

	MHHW+SLR (ft above NAVD88)				
	Low	**Low-Mid**	**Mid**	**High-Mid**	**High**
Baseline	3.05	3.05	3.05	3.05	3.05
2020s	3.22	3.38	3.55	3.72	3.88
2050s	3.72	3.97	4.38	4.80	5.55
2080s	4.13	4.55	5.47	6.30	7.88
2100	4.30	4.88	6.05	7.22	9.30

	1%+SLR (ft above NAVD88)				
	Low	**Low-Mid**	**Mid**	**High-Mid**	**High**
Baseline	10.00	10.00	10.00	10.00	10.00
2020s	10.17	10.33	10.50	10.67	10.83
2050s	10.67	10.92	11.33	11.75	12.50
2080s	11.08	11.50	12.42	13.25	14.83
2100	11.25	11.83	13.00	14.17	16.25

	0.2%+SLR (ft above NAVD88)				
	Low	**Low-Mid**	**Mid**	**High-Mid**	**High**
Baseline	12.00	12.00	12.00	12.00	12.00
2020s	12.17	12.33	12.50	12.67	12.83
2050s	12.67	12.92	13.33	13.75	14.50
2080s	13.08	13.50	14.42	15.25	16.83
2100	13.25	13.83	15.00	16.17	18.25

	0	1
Cellar	4	4.25
First Floor	14	14.25
First Floor Alternative Egress	17.92	17.92
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
DFE	12.00	12.00

SLR (in)				
Low	**Low-Mid**	**Mid**	**High-Mid**	**High**
0	0	0	0	0
2	4	6	8	10
8	11	16	21	30
13	18	29	39	58
15	22	36	50	75

NOAA Tide Station Data

(to be used only when a site survey is unavailable)

Station ID	*Station Name*	*Source MHHW (Feet, NAVD88)**	*Adjusted MHHW (Feet, NAVD88)**
8518687	Queensboro Bridge	2.27	2.60
8530095	Alpine	2.11	2.44
8516614	Glen Cove	3.72	4.05
8516990	Willets Point	3.72	4.05
8518639	Port Morris	3.33	3.66
8518699	Williamsburg Bridge	2.14	2.47
8518750	The Battery	2.28	2.61
8531680	Sandy Hook	2.41	2.74
8518490	New Rochelle	3.71	4.04
8531545	Keyport	2.66	2.99
8516891	Norton Point	2.08	2.41
8517201	North Channel	2.72	3.05
8517137	Beach Channel	2.10	2.43
8517756	Kingsborough	2.13	2.46
8519436	Great Kills	2.22	2.55
8531142	Port Reading	2.82	3.15
8519483	Bergen Point	2.56	2.89
8519050	USCG	2.28	2.61
8518902	Dyckman St	2.01	2.34
8517251	Worlds Fair Marina	3.59	3.92
8518668	Horns Hook	2.54	2.87
8518643	Randalls Island	2.60	2.93
8518526	Throggs Neck	3.68	4.01

* MHHW values include an addition 0.33 feet to account for changes in sea level since the 1983-20(

Source
NOAA Tides and Currents
NOAA Tides and Currents
NOAA Tides and Currents
NOAA Tides and Currents
NOAA Tides and Currents
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NOAA Tides and Currents
NOAA Tides and Currents
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NOAA Tides and Currents

)1 tidal epoch.




Alpine
8530095
New
Rochelle
8518490
Dyckman St
8518902
Glen Cove
8516614
Randalls
Island
8518643
Port
Morris
8518639
Throggs
Neck
8518526
Willets
Point
8516990
Worlds Fair
Marina
8517251
Queensboro
Bridge
8518687
Horns Hook
8518668
Williamsburg
Bridge
8518699
The Battery
8518750
North
Channel
8507201
Norton
Point
8516891
CG
9050
Beach
Channel
8517137
Kingsborough
8517756
Sandy Hook
8531680

APPENDIX D

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Manhattan, NY
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10th Floor
New York, NY 10001



PHASE I ENVIRONMENTAL SITE ASSESSMENT
135-27 Sapphire Street
Queens, New York 11414

October 31, 2024
File No. 12.0077899.00



PREPARED FOR:
135 Sapphire LLC.
141-24 Jewel Ave, Suite 1000
Flushing, New York 11367

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973-774-3300

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Fairfield, NJ
55 Lane Road
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New York, NY 10001

October 31, 2024
File No. 12.0077899.00

135 Sapphire LLC
141-24 Jewel Ave, Suite 1000
Flushing, New York 11367

Attn: Sam Zirkiev

Re: Phase I Environmental Site Assessment
135-27 Sapphire Street
Queens, NY 11414

Dear Mr. Zirkiev,

Pursuant to our professional services contract dated June 11, 2024, GZA GeoEnvironmental, Inc. is pleased to submit the Phase I Environmental Site Assessment Report for the above-referenced Subject Property. GZA completed this Phase I Environmental Site Assessment in general conformance with the guidelines described in ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21).

We hope this satisfies your present needs. If you need additional information, please contact Robert Jackson at (973) 774-3523.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Christian DiGennaro
Scientist II

Robert Jackson
Consultant Reviewer

Attachment: Phase I ESA Report

TABLE OF CONTENTS

EXECUTIVE SUMMARY I

1.0 INTRODUCTION 1

1.1 REASON FOR PERFORMING THE PHASE I ENVIRONMENTAL SITE ASSESSMENT 1

1.2 PROJECT OBJECTIVES 1

1.3 DEFINITIONS 1

1.4 SCOPE OF SERVICES 2

2.0 DESCRIPTION OF SUBJECT PROPERTY AND VICINITY 3

2.1 SUBJECT PROPERTY LOCATION 3

2.2 DESCRIPTION OF SUBJECT PROPERTY AND BUILDINGS 3

2.3 CURRENT SUBJECT PROPERTY USE 3

2.4 ADJOINING PROPERTIES 4

2.5 VICINITY PROPERTIES 4

3.0 PHYSICAL SETTING 4

3.1 REGIONAL PHYSIOGRAPHY 4

3.2 GEOLOGIC, HYDROGEOLOGIC, AND HYDROLOGIC CONDITIONS 4

4.0 HISTORICAL USE INFORMATION 5

4.1 SUBJECT PROPERTY AND AREA HISTORY SUMMARY 5

4.2 AERIAL PHOTOGRAPH REVIEW 5

4.3 FIRE INSURANCE MAPS 6

4.4 PROPERTY TAX FILES 7

4.5 LAND TITLE RECORDS 7

4.6 HISTORICAL USGS TOPOGRAPHIC MAPS 7

4.7 CITY DIRECTORIES 8

4.8 BUILDING DEPARTMENT RECORDS 9

4.9 OTHER HISTORICAL RECORDS 9

TABLE OF CONTENTS

5.0 PREVIOUS INVESTIGATIONS 9

6.0 SITE RECONNAISSANCE 9

7.0 REGULATORY DATABASE REVIEW 11

7.1 FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES 11

7.2 LISTINGS FOR SUBJECT PROPERTY AND ADJOINING PROPERTIES 12

7.3 EVALUATION OF UNMAPPED PROPERTIES 16

7.4 REGULATORY FILE REVIEW 16

8.0 INTERVIEWS 16

9.0 USER-PROVIDED INFORMATION 16

10.0 NON-ASTM E1527-21 CONSIDERATIONS 17

10.1 VAPOR ENCROACHMENT ASSESSMENT 17

10.2 SUSPECT ASBESTOS-CONTAINING MATERIAL 17

10.3 LEAD PAINT 17

10.4 MOLD 18

10.5 RADON 18

11.0 FINDINGS AND CONCLUSIONS 18

11.1 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECS) 18

11.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECS) 19

11.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECS) 19

11.4 *DE MINIMIS* CONDITIONS 19

11.5 SIGNIFICANT DATA GAPS 19

11.6 NON-ASTM E1527-21 CONSIDERATIONS 19

11.7 BUSINESS ENVIRONMENTAL RISKS 19

12.0 REFERENCES 20

13.0 ENVIRONMENTAL PROFESSIONAL OPINION 20

TABLE OF CONTENTS

14.0 LIMITATIONS 20

FIGURES

FIGURE 1 Subject Property Location Map
FIGURE 2 Subject Property Boundary Map

APPENDICES

APPENDIX A Phase I ESA Limitations
APPENDIX B Photographic Log
APPENDIX C Historical Documentation
APPENDIX D Third-Party Database Report
APPENDIX E User Questionnaire
APPENDIX F Qualifications of Environmental Professional

EXECUTIVE SUMMARY

135 Sapphire LLC (also referred to herein as "Client" or "User") retained GZA GeoEnvironmental, Inc. (GZA) to conduct a Phase I Environmental Site Assessment (ESA) of the Subject Property located at 135-27, Queens, New York (Subject Property). GZA performed this Phase I ESA in connection with the Client's proposed rezoning and new development on the Subject Property.

This Phase I ESA was performed in general conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21) and included our visual observation of the Subject Property; a review of historical information, environmental databases, and information provided by the User; and one or more interviews with a current representative of the Subject Property. GZA prepared this Phase I ESA Report in conformance with the limitations presented in **Section 14.0** and with the Phase I ESA Limitations included in **Appendix A**. Limiting conditions and/or deviations from ASTM E1527-21 are described in **Section 1.4** of this Phase I ESA Report.

The Subject Property is an irregular-shaped property composed of 12 lots that are improved with one two-story residence, a construction trailer/office, a partially enclosed structure, a suspected garage/workshop, and an asphalt-paved parking area. Most of the Subject Property lots are undeveloped and used for storage. Historically, the Subject Property has been primarily residential use. Based on the findings of our Phase I ESA and on our professional judgment, GZA has identified the following with respect to the Subject Property:

Recognized Environmental Conditions (RECs)

In GZA's opinion, this Phase I ESA revealed evidence of several RECs in connection with the Subject Property.

- Lot 24: Oil stains were observed on the east side of the asphalt parking area.
- Lot 39/40: Suspected gasoline stains were observed beneath the generator on the east side of the Subject Property.
- Lot 42: Stained soil was observed around the first hydraulic oil drum storage area near the center of the lot
- Lot 42: Staining was observed around the second hydraulic oil drum storage area in the northeastern corner of the lot.
- Lot 42: Staining was observed near a suspected open container of gasoline in the northwestern portion of the lot
- Lots 39/40/42: There were numerous open containers of oil and dumped/tipped drums observed.

Controlled Recognized Environmental Conditions (CRECs)

- In GZA's opinion, this Phase I ESA revealed no evidence of CRECs in connection with the Subject Property.

Historical Recognized Environmental Conditions (HRECs)

- In GZA's opinion, this Phase I ESA revealed no evidence of HRECs in connection with the Subject Property.

***De Minimis* Conditions**

- In GZA's opinion, this Phase I ESA revealed no evidence of De Minimis Conditions in connection with the Subject Property.

Significant Data Gaps

In GZA's opinion, this Phase I ESA revealed three data gaps that affected our ability to identify RECs, CRECs, or HRECs at the Subject Property.

- At the time of the GZA's site reconnaissance, the yellow storage container in the northwestern portion of Lot 42 was inaccessible.
- Lots 32, 34, and 45 were inaccessible at the time of the GZA's site reconnaissance.
- A few areas on Lots 39, 40, and 42 were inaccessible due to unsafe conditions or being blocked off by heavy machinery/debris.

Business Environmental Risks (BERs)

- Potential Vapor Encroachment Conditions (VECs) of concern to the Subject Property have been identified. Based on their distance from the Subject Property, description provided, closed regulatory status, or the anticipated hydrogeologic gradient, it is GZA's opinion that the listed sites in the Third-Party Database Report, including spills and staining on the Subject Property, historical hazardous waste sites, offsite spills, and historic gasoline service stations are potential VECs of concern to the Subject Property. Additional information about each of the potential VECs of concern can be found in Section 7.2.
- General upkeep of the Subject Property and the amount of improperly stored petroleum products increases the potential for unseen RECs not identified above.
- Several stockpiles of solid waste were observed between Lots 39, 40, and 42.
- Two unidentified metal covers were on the east side of Lot 38. See photo 36 in the photolog, found in **Appendix B.**

1.0 INTRODUCTION

This Phase I Environmental Site Assessment Report (Phase I ESA Report) presents the field observations, results, and opinions of the Phase I ESA conducted by GZA GeoEnvironmental, Inc. (GZA) for 135 Sapphire LLC (also referred to herein as "Client") at the Subject property identified as 135-27 Sapphire Street, Queens, New York (Subject Property). GZA prepared this Phase I ESA Report in conformance with the limitations presented in **Section 14.0** and with the Phase I ESA Limitations included in **Appendix A**. This Phase I ESA Report is subject to modification if GZA or another party develops subsequent information.

1.1 REASON FOR PERFORMING THE PHASE I ENVIRONMENTAL SITE ASSESSMENT

GZA understands that this Phase I ESA was requested as part the zoning map amendment and new development on the Subject Property.

1.2 PROJECT OBJECTIVES

We designed the Scope of Services described below in general conformance with ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21). The objectives of this Phase I ESA were:

- To render an opinion as to whether surficial or historical evidence indicates the presence of recognized environmental conditions (RECs) that could result in the presence of hazardous substances or petroleum products in the environment, as defined in ASTM E1527-21; and

- To permit the User of this Phase I ESA to satisfy the requirements for qualifying for certain Landowner Liability Protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

1.3 DEFINITIONS

As defined in ASTM E1527-21:

- A Recognized Environmental Condition (REC) is "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."

- A "Controlled REC" (CREC) is a REC "affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority…with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls…." This term applies to a site that has reached regulatory closure with the implementation of an engineering control, such as an impermeable cap, an institutional control, such as a deed restriction or activity and use limitation (AUL), and/or other property use limitation.

- A "Historical REC" (HREC) is "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or

authorities, without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations,)…"

- A "*de minimis* condition" is "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." ASTM E1527-21 does not consider *de minimis* conditions to be RECs.

- A "data gap" is "a lack of or inability to obtain information required by [E1527-21] despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice…" A data gap is only considered significant if other information and/or the Environmental Professional's experience raises reasonable concerns involving the data gap.

- A "business environmental risk" (BER) is "a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily limited to those environmental issues required to be investigated [under ASTM E1527-21]." BERs may involve one or more of the non-scope considerations outlined in ASTM E1527-21 including, but not necessarily limited to, asbestos-containing building materials, lead paint, lead and arsenic in drinking water, radon, wetlands, cultural and historical resources, regulatory compliance, industrial hygiene, health and safety, indoor air quality, and mold.

1.4 SCOPE OF SERVICES

GZA's Scope of Services consisted of the following activities:

- A review of federal and State regulatory agency databases for the Subject Property and the minimum applicable search distances from the Subject Property.

- Contact with certain local regulatory agencies to inquire about environmental conditions at the Subject Property and in its vicinity.

- A review of the Subject Property history through available Standard Historical sources.

- A review of previous environmental reports prepared for the adjoining property.

- A site reconnaissance to observe current Subject Property conditions for evidence of recognized environmental conditions.

- The completion of a reconnaissance of the Subject Property vicinity.

- A review of adjoining properties to identify potential uses of hazardous substances or petroleum products.

- The preparation of this Phase I ESA Report presenting our findings.

In GZA's opinion, our ESA involved no significant deviations from ASTM E1527-21.

This Phase I ESA includes evaluations of the following environmental issues or conditions that ASTM E1527-21 considers non-scope considerations (see **Section 10.0**):

- Vapor Encroachment Assessment;
- Suspect Asbestos-Containing Material (ACM);
- Lead Paint;
- Mold; and
- Radon

2.0 DESCRIPTION OF SUBJECT PROPERTY AND VICINITY

GZA obtained the following information from our site reconnaissance, our research, and our interviews with people knowledgeable about the Subject Property. Photographs depicting the Subject Property conditions during GZA's reconnaissance are presented in **Appendix B**.

2.1 SUBJECT PROPERTY LOCATION

The Subject Property is located at 135-27 Sapphire Street in the Lindenwood neighborhood of Queens, New York. The Subject Property is identified as Block 11384, Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, and 45 on the Queens Tax Map. The Subject Property is approximately 55,173 square feet in size and is located on the south half of Block 11384 between Sapphire Street and 79th Street. The Subject Property is in an R-4 zoning district surrounded by mostly residential and commercial uses. The proposed zoning map amendment would rezone the Subject Property from an R-4 residential district to a R6A zoning district to facilitate new development of the proposed 6-story residential building on the Subject Property, totaling approximately 248,261 gross square feet. A map showing the location of the Subject Property is provided as **Figure 1**.

2.2 DESCRIPTION OF SUBJECT PROPERTY AND BUILDINGS

Lot 15 of the Subject Property is vacant land on the west side of 79th Street. Lot 24 is improved with an asphalt-paved parking area and an equipment shed. Lot 28 is improved with a partially enclosed structure and approximately half of the lot is paved. Lot 29 is improved with a construction trailer/office. Lots 32 and 34 are vacant land. Lot 37 is a gravel path south of the residence on Lot 38. Lot 38 is improved with a two-story residence on the west side of the lot. Lots 39, 40, and 42 are not improved with any buildings. Lot 45 is improved with a suspected garage/warehouse building. Chain link fences surround Lots 24, 28, 29, 32, and 34. A map showing the Subject Property orientation and boundary is provided as **Figure 2**.

2.3 CURRENT SUBJECT PROPERTY USE

At the time of GZA's site reconnaissance, Lot 15 on the west side of 79th Street was vacant land. Lot 24 was a parking and equipment storage area for M&D landscaping company. The partially enclosed structure on Lot 28 covers a shipping container that stored equipment for the landscaping company. Lot 29 contained a construction trailer that was used as an office for the landscaping business. Mulch and stone stockpiles were stored on the northwestern portion of Lot 29. Lot 32 was vacant, overgrown land, which was used for the storage of several vehicles. Lot 34 was used to store several vehicles and miscellaneous clutter. Lot 37 was a gravel path that was used as a parking area for the residence on Lot 38. Lot 38 was a two-story residence that was connected to Lots 37, 39, 40, and 42. Lots 39, 40, and 42 made up a large, dirt-covered area that contains heavy machinery, vehicles,

equipment, and stockpiles of solid waste. Lot 45 was used as a suspected workshop/warehouse. The use of Lot 45 could not be confirmed, as it was not accessible at the time of the site reconnaissance.

2.4 ADJOINING PROPERTIES

The following table lists the properties that adjoin the Subject Property and describes their current use.

Direction	Street Address/Location	Name (as applicable) and Current Use
North	78-14 Linden Boulevard	Walgreens, Cut-Rate Liquors and Wines, Jade Linden Chinese Restaurant – Commercial uses
West	Sapphire Street	Sapphire Street – Street name
West	Across Sapphire Street - Block 4497, Lots 19, 21, 22, 23, 24, 26, and 27	Resident/commercial use building on Lot 24. Remaining lots – Vacant land.
East	79th Street	79th Street – Street name
East	Across 79th Street – Block 11385, Lots 5, 7, 9, and 11	Residential use
South	149th Avenue	149th Avenue – Street name
South	Across 149th Avenue – 78-02 149th Avenue	Residential use

2.5 VICINITY PROPERTIES

As part of this Phase I ESA, GZA performed a reconnaissance of the immediate Subject Property vicinity. The Subject Property vicinity is mixed use with primarily residential and commercial uses.

3.0 PHYSICAL SETTING

The following subsections provide information regarding the general physiographic, geologic, hydrogeologic, and hydrologic conditions in the Subject Property vicinity.

3.1 REGIONAL PHYSIOGRAPHY

Based on a review of the U.S. Geological Survey topographic map provided by Environmental Data Resources, Inc. (*EDR), Historical Topo Map 2019*, the Subject Property is situated at an approximate elevation of 5-10 feet above mean sea level. The nearest water body is the Betts Creek which is located approximately 0.60 miles southwest of the Subject Property.

3.2 GEOLOGIC, HYDROGEOLOGIC, AND HYDROLOGIC CONDITIONS

Based on Third-Party Database Reports and the web soil survey maps published by the USDA Natural Resources Conservation Service, overburden on Lot 45 consists of UoA (Urban land, outwash). The remaining lots consist of UVAI (Urban land-Verrazano). Based on the Third-Party Database Report, bedrock near the Subject Property is categorized as a stratified sequence of the Cenozoic era, Quaternary system, and Pleistocene Series (Code: Qp).

Based on local topography and surface water flow patterns, the inferred direction of groundwater flow is generally southwest towards Jamaica Bay. We subsequently refer to upgradient and downgradient properties in this Phase

I ESA Report based on the inferred southeast direction of groundwater flow. However, the localized direction of groundwater flow near the Subject Property might vary because of underground utilities, subsurface preferential pathways, variations in weather, or heterogeneous geological and/or anthropogenic conditions (such as subway tunnels).

4.0 HISTORICAL USE INFORMATION

The Subject Property history was developed from "Standard Historical Sources," as defined in ASTM E1527-21, from available files and from interviews with knowledgeable parties. ASTM indicates that, "all obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier". ASTM further indicates that, "data failure is not uncommon", when trying to establish the historical use of a property. Specific information obtained from standard historical sources is contained in the following subsections, and **Appendix C** includes copies of relevant historical documents.

4.1 SUBJECT PROPERTY AND AREA HISTORY SUMMARY

According to the review of historical aerial photographs and Sanborn fire insurance maps, the Subject Property appears to have been developed since 1924. The Subject Property was residential use with residences and garages up until the 1991 Sanborn map. On the 1991 Sanborn map, a church was shown on the north side of the Subject Property. The "church" label was removed on the Sanborn map in 1999, but the building remained on the Subject Property as residential use.

The Subject Property is in a residential district of Lindenwood, Queens and is bounded to the north by commercial uses, to the east by 79th Street, to the west by Sapphire Street and to the south by 149th Avenue. Historically, the area in the vicinity of the Subject Property consisted of primarily commercial and residential properties.

4.2 AERIAL PHOTOGRAPH REVIEW

GZA consulted historical aerial photographs provided by EDR from 1924 to 2019. The table below contains GZA's description of the Subject Property and vicinity properties as shown in the aerial photographs.

Year	Description of Subject Property	Description of Vicinity
1924	The Subject Property developed with multiple structures/buildings on the Subject Property.	The surrounding area in all directions is mostly undeveloped land. Buildings are shown to the west and northwest of the Subject Property. A creek is shown to the south of the Subject Property.
1951,1954	At least eight different structures/buildings are depicted on the Subject Property.	Development increases in the surrounding area, specifically to the northwest, northeast, and southeast. Suspected row houses have been constructed to the northeast of the Subject Property. A suspected basin leading to the creek further south runs along the east side of the Subject Property. Several buildings have been constructed to the southeast of the Subject Property. A building with two smoke stacks has been constructed approximately 1,500 feet southwest of the Subject Property.

Year	Description of Subject Property	Description of Vicinity
1961	The Subject Property appears unchanged.	The buildings to the southeast have been demolished and replaced with apartment complexes and row houses. Athletic fields have been developed to the north. A suspected vehicle storage lot is shown to the east of the Subject Property.
1966	The Subject Property appears unchanged.	Additional row houses have been constructed to the east and southeast of the Subject Property. A large building with associated parking lots has been constructed to the west of the Subject Property.
1980, 1985	There appears to be changes to the Subject Property buildings/structures. The aerial photograph is not clear. Overgrown vegetation is shown in the southeastern portion of the Subject Property.	The suspected basin running along the east side of the Subject Property is no longer shown. A road has been constructed to the east of the Subject Property. An area of vegetation to the west of the Subject Property has been cleared. A building has been constructed on the adjoining lot to the north.
1994	Changes are shown in the southeastern portion of the Subject Property. The image is not clear enough to provide a definitive description.	Development increases to the southwest of the Subject Property.
2006, 2011	Several vehicles are shown on the Subject Property.	Several buildings have been constructed on the adjacent block to the southwest and to the west of the Subject Property.
2015, 2019	The structures/buildings on the northern portion of the Subject Property are no longer shown.	Three large warehouse buildings have been constructed on the adjacent block to the north, north of Linden Boulevard.

4.3 FIRE INSURANCE MAPS

GZA consulted historical Sanborn Fire Insurance Maps provided by EDR from 1908 to 2006. The table below contains GZA's description of the Subject Property and vicinity properties as shown in the historical fire insurance maps.

Year	Description of Subject Property	Description of Vicinity
1908, 1911	A creek separating Brooklyn and Queens boroughs runs through the center of the Subject Property.	The surrounding areas to the north, south, and east are undeveloped. Two dwellings, stables, markets, and a hay shed are to the west of the Subject Property.
1928	Eight dwellings have been constructed within the Subject Property boundary. Two structures labeled "A" and a shed are also depicted within the Subject Property boundary. The creek is no longer shown on the Subject Property. A line labeled "Center line of old Spring Creek not defined on ground" extends through the southeastern portion of the Subject Property.	Development increases in the surrounding area. The east side of the Sanborn map is not shown. Dwellings have been constructed to the north, south, and west of the Subject Property.
1950	The Subject Property is unchanged.	The west side of the Sanborn map is no longer visible. The blocks east and southeast of the Subject Property remain undeveloped. Spring Creek is shown to the south of the Subject Property.

Year	Description of Subject Property	Description of Vicinity
1963	The Subject Property is unchanged.	A filling station has been constructed north of Lunden Boulevard to the north of the Subject Property. Adjacent blocks to the east and southeast are developed with several dwellings.
1982	Two dwellings on the south side of the Subject Property are no longer shown.	Development increases in all directions of the Subject Property. A large commercial building has been constructed on the adjacent lot to the north of the Subject Property. The previously undeveloped block to the east of the Subject Property now has several dwellings. A store with a parking lot are shown to the northwest of the Subject Property.
1986, 1988, 1989	The dwelling near the center of the Subject Property is no longer shown.	The area west of the Subject Property is no longer visible. The visible surrounding area shown on the Sanborn map is unchanged.
1991, 1992, 1993, 1995	The furthest north residence is no longer shown. A former residence on the north side of the Subject Property is now labeled as a church and residence.	There are no significant changes to the surrounding area.
1999, 2001, 2002, 2003, 2004, 2005, 2006	An unknown structure has been developed on the north side of the Subject Property. The church label has been removed from the building on the north side of the Subject Property. One unknown structure, four residences, and two suspected garages remain on the Subject Property.	There are no significant changes to the surrounding area.

PROPERTY TAX FILES

GZA consulted property tax files available online at the NYC Gov. website. The files indicated that the Subject Property is identified as Block 11384/Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45, and is 1.27 acres in size. The current owner is listed as 135 Sapphire LLC.

4.4 LAND TITLE RECORDS

The review of a title search helps to identify the historical use of the Subject Property, as well as applicable environmental liens and Activity and Use Limitations (AULs); ASTM identifies a title search as a User Responsibility. No title information was provided by the Client as part of the User's Responsibilities, and the completion of a title search was not included in the scope of this assessment.

4.5 HISTORICAL USGS TOPOGRAPHIC MAPS

GZA reviewed historical USGS topographic maps provided by EDR from 1897 to 2019. The table below contains GZA's description of the Subject Property and vicinity properties as shown on the historical topographic maps.

Year	Scale	Description of Subject Property	Description of Vicinity
1897, 1898, 1900	15-Minute 15-Minute	There are no Site-specific features shown on the Subject Property. The Subject Property is shown within a wetlands area.	The surrounding area is moderately developed to the northeast and northwest. A railroad is shown approximately 1.5 miles east of the

Year	Scale	Description of Subject Property	Description of Vicinity
		A creek runs along the eastern boundary of the Subject Property.	Subject Property. A cemetery is shown to the northwest of the Subject Property.
1947	7.5-Minute	Three unlabeled structures are shown on the Subject Property. The wetlands area has retreated south and is no longer shown within the extent of the Subject Property boundary.	Development increased in the surrounding area. A city sewage plant is shown approximately 2.5 miles to the southwest of the Subject Property. Shellbank Basin and Aqueduct Race Track are shown to the southeast and east respectfully.
1955/1957	7.5-Minute	A fourth unlabeled structure is shown on the Subject Property.	The wetlands area to the south of the Subject Property has decreased in size. Site-specific features, including six water tanks are shown on the sewage treatment plant to the southwest of the Subject Property. Ridgewood pumping Site is shown approximately 1.5 miles to the northwest of the Subject Property. A suspected railyard is shown approximately 0.3 miles to the northwest of the Subject Property.
1966/1967, 1979, 1994/1995, 2013, 2016, 2019	7.5-Minute	Site-specific features are no longer shown on the Subject Property.	Ridgewood Pumping Site is no longer shown on the topographic map. The wetlands area to the south of the Subject Property decreases in size. There are no significant changes to the surrounding area. Most of the site-specific structures are no longer shown starting in the 2013 topographic map.

4.6 CITY DIRECTORIES

GZA reviewed a city directory abstract including listings from 1922 to 2024 provided by EDR. Addresses in the immediate vicinity of the Subject Property were reviewed for the Subject Property and adjoining properties. The table below contains GZA's description of the Subject Property and provides a listing of the adjoining properties as presented in the city directory abstract.

Year(s)	Listings for 137-25 78th Street (Subject Property)
1995	Curb-Side Concrete Inc., Curbside Concrete, G&G Landscaping
2000	Curb Side Concrete Incorporated, Ridge Concrete & Landscaping Corporation

Year(s)	Listings for 137-25 Sapphire Street (Subject Property)
No findings	

Year(s)	Listings for 7814 Linden Boulevard (adjoining property to the north)
1976	Charley's Place Inc.
1983	Burglar Alarm Central Station
1991, 1992	Toys N More
2000	Rite Aid Express, Rite Aid Pharmacy, 85th Avenue INTS FROM, Ozone Park
2005	Lock 2000 Locksmiths Is, Rite Aid Pharmacy, Rite Aid Pharmacy # 4693

Year(s)	Listings for 7814 Linden Boulevard (adjoining property to the north)
2010, 2014, 2017	Rite Aid
2020	Walgreens

The adjoining properties to the east, west, and south were not identified on the City Directories.

4.7 BUILDING DEPARTMENT RECORDS

GZA reviewed building department records available from the New York City Department of Buildings (NYC DOB) Building Information System (BIS) for the Subject Property (Block 11384/Lots 15, 24, 28, 29, 32, 34, 37, 38, 39, 40, 42, 45). Evidence of hazardous materials or petroleum usages were identified at the Subject Property.

4.8 OTHER HISTORICAL RECORDS

GZA requested access to records available with the New York State Department of Environmental Conservation (NYSDEC) and the New York City Department of Environmental Protection (NYCDEP) through a Freedom of Information Law (FOIL) request on September 26, 2024.

A response from the NYSDEC was received on October 7, 2024. NYSDEC produced no records responsive to the FOIL request. A response was not received from the NYDEP by the completion of this report.

5.0 PREVIOUS INVESTIGATIONS

GZA is not aware of any previous investigations or environmental concerns at the Subject Property. GZA was not provided with any documents regarding previous site investigations conducted at the Subject Property from the Client.

6.0 SITE RECONNAISSANCE

The purpose of GZA's site reconnaissance was to observe current Subject Property conditions for evidence of recognized environmental conditions that could result in the presence of hazardous substances or petroleum products in the environment at the Subject Property. GZA Project Scientist Christian DiGennaro conducted a site reconnaissance at the Subject Property on September 12, 2024. The tenant of the residence provided site access, but did not provide information about the Subject Property, as he did not speak English. GZA documented its observations and photo-documented the pertinent features and/or areas of environmental concern if applicable, which are referenced in this Phase I ESA Report. Selected photographs are included in **Appendix B**, and **Figure 2 – Subject Property Boundary Map** depicts the Site boundary, and pertinent features. Limitations to GZA's site reconnaissance, if any, are noted in **Section 1.4**.

The following table discusses features of potential environmental concern identified at the Subject Property.

Feature	Description
Aboveground storage tank (AST) systems	Lot 42: One inactive 250-gallon capacity AST was identified on the east side of the Subject Property, near the entrance along 79th Street.

Feature	Description
Underground storage tank (UST) systems	Not observed.
Chemical or petroleum storage or handling areas	Lot 24: Chemicals observed in the storage shed located on the west side of the lot include hydraulic fluid, asphalt solvent, engine oil, and paints. Buckets of hydraulic oil were observed in the northwestern corner of the lot. Lot 28: Several gasoline cans were observed in the storage container. Lot 38: Disinfectants and cleaners were observed in the bathroom of the residence. Lot 39: Buckets of hydraulic oil were observed on the Subject Property. A wood stockpile with a few intact and crushed hydraulic oil drums were observed on the west side of the lot. Lot 42: Three gasoline cans, suspected open container of gasoline, buckets of hydraulic oil, waterproofing solvent, and cleaners were observed in the workshop/equipment storage area on the north side of the lot. Two hydraulic oil drum storage areas; one near the center of the lot and one in the northeastern corner of the lot. The equipment trailer in the northwestern corner stored the following chemicals: concrete mix, primer, transmission fluid, steering fluid, and paints. Many buckets of hydraulic oil were observed, as well as open drums and containers of oil were observed throughout the lot.
Chemical waste or petroleum waste storage or handling areas	Lot 42: Two hydraulic oil drum storage areas were observed.
Dumpsters	Lot 42: Three solid-waste disposal bins with wood and miscellaneous garbage were observed.
Floor drains, trenches, sumps, and associated piping	Not observed.
Oil/water separators	Not observed.
Storm water drains, grates and associated piping	Lot 38: Two unidentified metal floor covers were observed east of the residence.
Drainage swales, culverts, impoundments, and surface water bodies	Not observed.
Septic systems, leach fields, seepage pits, and dry wells	Not observed.
Open pipe discharges	Not observed.
Landfills and solid waste dumping	Lot 34: The lot was used the storage of vehicles and miscellaneous clutter/debris. Lots 39, 40, and 42: Several solid waste stockpiles consisting of mostly wood were observed. A few intact and crushed hydraulic oil drums were observed in the waste stockpiles.
Historical fill or other fill material	Not observed.

Feature	Description
Staining or stressed vegetation	Lot 24: Oil stains were observed on the east side of the asphalt parking area. Lot 39/40: Suspected gasoline staining was observed beneath the generator on the east side of the lot. Lot 42: Staining on the ground was observed around each of the two hydraulic drum storage areas. Stained soil was observed near a suspected open container of gasoline on the northwestern side of the lot.
Strong, pungent, or noxious odors	Not observed.
Electrical transformers or capacitors	Not observed.
Hydraulic equipment, including lifts, elevators, and compactors	Not observed.
Active or inactive production wells	Not observed.
Monitoring wells, former boreholes, or other evidence of environmental investigations	Not observed.

In GZA's opinion, several of the identified features are RECs or BERs for the Subject Property.

The following entities provide utilities to the Subject Property:

Service	Provider
Electricity	Con Edison Co of New York (Con Edison)
Natural Gas	National Grid
Drinking Water	City of New York
Sanitary Sewer Services	City of New York sewer system

7.0 REGULATORY DATABASE REVIEW

This section is based on publicly available information from various federal, state, and local agencies that maintain environmental regulatory databases.

7.1 FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES

Federal and state databases were searched by EDR, a professional data search company, and search results were provided to GZA in a report dated September 17, 2024. The following table indicates the databases searched by EDR, the minimum search distances from the Subject Property, and the number of properties that appear on the database within the minimum search distances used. Descriptions of the federal and state databases, and the dates on which EDR accessed these databases, are provided in the Third-Party Database Report (see **Appendix D**). The Subject Property was identified on the NY SPILLS database searched by EDR.

Federal and State List	Approximate Minimum Search Distance*	Subject Property and Adjoining Properties	# Sites Within Search Distance
NPL	*1 mile*	0	0
Delisted NPL	*½ mile*	0	0
SEMS	*½ mile*	0	0
SEMS ARCHIVE	*½ mile*	0	1
RCRA CORRACTS	*1 mile*	0	0
RCRA-SQG	*¼ mile*	0	0
RCRA-LQG	*¼ mile*	0	2
RCRA-VSQG	*¼ mile*	0	1
Federal IC/EC Registries	*½ mile*	0	0
ERNS	*Site only*	0	0
State Equivalent NPL	*1 mile*	0	0
NY LTANKS	*½ mile*	0	2
NY UST	*¼ mile*	0	1
NY AST	*¼ mile*	0	1
State IC/EC Registries	*Site only*	0	0
Voluntary Cleanup Program Sites	*½ mile*	0	1
NY Brownfields	*½ mile*	0	0
NY SPILLS	*¼ mile*	0	8
FINDS	*Site only*	0	0
ECHO	*Site only*	0	0
NY MANIFEST	*¼ mile*	3	11
NY NYC LAND USE	*Site only*	0	0
EDR Hist Auto	*¼ mile*	1	3
EDR Hist Cleaner	*¼ mile*	1	1

* The approximate minimum search distance indicates the minimum distance measured from the nearest Subject Property boundary for which EDR performed the database review.

7.2 LISTINGS FOR SUBJECT PROPERTY AND NOTABLE PROPERTIES

Name	Grassy Area
Address	78-09 149th Avenue
Distance/Direction from Subject Property	Subject Property
Database(s)	NY SPILLS
Comments	• NY SPILLS – Spills Information Database: The record is associated with spill number 0603668. On July 3, 2006, 42 five-gallon containers of motor oil were discovered on the property that need to be picked up. According to the DEC memo provided in the Third-Party Database Report, no spill was observed. The spill was closed on August 28, 2006.

Name	Grassy Area
	• Based on the information provided in the Third-Party Database Report, the 42 containers of motor oil are a potential concern to the Subject Property. No spill was observed on the Subject Property, therefore this is not identified as a concern to the Subject Property..

Name	Multiple names
Address	78-14 Linden Boulevard, 78-10 Linden Boulevard, 78-16 Linden Boulevard
Distance/Direction from Subject Property	0.040 miles north of the Subject Property (adjoining property to the north, upgradient)
Database(s)	DRYCLEANERS, EDR HIST AUTO, E MANIFEST, MANIFEST, RCRA-VSQG, RCRA NONGEN/NLR, FINDS, ECHO, EDR HIST CLEANER
Comments	• DRYCLEANERS (78-16 Linden Boulevard) – Registered Drycleaners: One Stop/Jen-Ann Dry Cleaners is identified as a registered drycleaner. The facility ID is 2-6308-00535. • EDR HIST AUTO (78-10 Linden Boulevard) – EDR Exclusive Historical Auto Stations: Linden Getty Service Station is listed as a gasoline service station in the EDR Hist Auto database from 1991 to 1993. • E MANIFEST (78-14 Linden Boulevard) – Hazardous Waste Electronic Manifest System: Multiple manifest tracking numbers are listed within the Third-Party Database Report for Walgreens. Federal waste included in the manifest record includes ignitable waste (D001), Chromium (D007), and Selenium (D010). The "Waste Line" section includes Waste Aerosols, Toxic Solids, Organics, Chromium, Selenium, and Non-Hazardous, Non-Regulated Liquids & Solids. • MANIFEST (78-14 Linden Boulevard) – Manifest Information: Site name "Rite Aid #04693" lists one pound of Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-2-phenylbutyl)-2H-1-, & salts, when present at concentrations greater than 0.3% (P001) generated onsite (Manifest #015918275JJK). • RCRA-VSQG (78-14 Linden Boulevard) – Very Small Quantity Generator: Site name "DBA RITE AID #04693" includes a lengthy hazardous waste summary. The complete list can be viewed in the Third-Party Database Report. An associated E MANIFEST record is also provided in the Third-Party Database Report. • EDR HIST CLEANER (78-16 Linden Boulevard) – EDR Exclusive Historical Drycleaners: Jen-Ann French Dry is identified as a cleaner/drycleaning plant in the EDR HIST CLEANER database from 1979 to 1997. Associated RCRA NONGEN/NLR, FINDS, ECHO, and MANIFEST records can be found in the Third-Party Database Report. • Based on the inferred direction of groundwater flow in this area, the site is upgradient with respect to the Subject Property. Considering the current and former site operations and proximity from the Subject Property, this site is a potential vapor encroachment concern to the Subject Property.

Name	Open Yard
Address	333 Amber Street

Distance/Direction from Subject Property	0.044 miles north/northwest of the Subject Property (cross gradient)
Database(s)	NY SPILLS, SHWS
Comments	• NY SPILLS – Spills Information Database: On May 4, 2018, the spill notifier reported 125 55-gallon drums of petroleum/chemical products and some staining on the property at 333 Amber Street. Multiple environmental investigations were conducted onsite. The spill case closed on March 20, 2021. • SHWS – Inactive Hazardous Waste Disposal Sites in New York State : The site code is listed as 590080 and the hazardous waste code is 224297. According to the site description in the Third-Party Database Report, the site is an open lot used for the storage of commercial trucks and building materials. • Based on the inferred direction of groundwater flow in this area, the site is cross gradient with respect to the Subject Property. Considering the contamination onsite and proximity from the Subject Property, this site is a potential vapor encroachment concern to the Subject Property.

Name	Heritage Gold Mine Marine SVC
Address	315 Amber Street
Distance/Direction from Subject Property	0.047 miles northwest of the Subject Property (cross gradient)
Database(s)	EDR HIST AUTO
Comments	• EDR HIST AUTO – EDR Exclusive Historical Auto Stations: Heritage Gold Mine Marine SVC is listed as a gasoline service station in the EDR Hist Auto database from 2007 to 2013. • Based on the inferred direction of groundwater flow in this area, the site is cross gradient with respect to the Subject Property. Considering the site operations and proximity from the Subject Property, this site is a potential vapor encroachment concern to the Subject Property.

Name	Block 4496, Lots 1, 18, 27, and 48
Address	Multiple addresses
Distance/Direction from Subject Property	0.061 to 0.063 miles west of the Subject Property (cross gradient)
Database(s)	E DESIGNATION
Comments	• E DESIGNATION – Environmental Designation Site Listing: E designation on a site ensures that sampling and remediation take place on the site to avoid any significant hazardous materials impacts. The E designation description for each lot reads “Air Quality – HVAC fuel limited to natural gas; Exhaust stack location limitations; Hazardous Materials* Phase I and Phase II Testing Protocol; Window Wall Attenuation & Alternate Ventilation”.

	• Based on the inferred direction of groundwater flow in this area, the site is cross gradient with respect to the Subject Property. There are no additional databases identified for these sites. Therefore, they are not potential vapor encroachment concerns to the Subject Property.

Name	J & A Service Station, Getty Gas Station
Address	78-01 Linden Boulevard
Distance/Direction from Subject Property	0.081 miles north of the Subject Property (upgradient)
Database(s)	EDR HIST AUTO, AST, NY SPILLS, UST, LTANKS, NY SPILLS
Comments	• EDR HIST AUTO – EDR Exclusive Historical Auto Stations: J & A Service Station is listed as a gasoline service station in the EDR Hist Auto database from 1969 to 1975. Vita Anthony is listed as a gasoline service station in the EDR Hist Auto database from 1975 to 1983. Linden Getty Service is listed as a gasoline service station in the EDR Hist Auto database from 1994 to 2000. • AST – Petroleum Bulk Storage Database: Getty Station (Facility ID 2-326569) lists two closed/removed above ground storage tanks; one 275-gallon tank and one 550-gallon tank. Tank materials were not listed in the Third-Party Database Report. • NY SPILLS – Spills Information Database: A “minor spill” occurred on September 25, 2008, at Getty Service Station (spill number 0807169). Gasoline residue escaped during housekeeping at the gas station. The spill was closed on November 24, 2008. • UST – Petroleum Bulk Storage Database: Getty Gas Station lists three closed/removed underground storage tanks; two 4,000-gallon gasoline tanks, one 240-gallon #2 fuel oil tank, and one 240-gallon waste oil tank. Each UST was closed on November 19, 2013. • LTANKS – Spills Information Database: A #2 fuel oil spill was discovered on March 10, 1998 (spill number 9713656). According to the database record remarks in the Third-Party Database Report, approximate 90 gallons of spilled #2 fuel oil was discovered while relocating the tank. The spill was closed on May 12, 2005. • NY SPILLS – Spills Information Database: Contaminated soil was observed on March 10, 1998, While doing soil classification for a future tank upgrade (spill number 9808553). 213.31 tons of soil were removed from the site and several environmental investigations were conducted. NYSDEC determined that the owner did all that was feasible for this situation. On June 12, 2013, the spill was closed while not meeting the required standards. • Based on the inferred direction of groundwater flow in this area, the site is upgradient with respect to the Subject Property. Considering the site operations and spills onsite, these are potential vapor encroachment concerns to the Subject Property.

Name	Private Residence

Address	13521 78th Street
Distance/Direction from Subject Property	0.105 miles north/northwest of the Subject Property (upgradient)
Database(s)	NY SPILLS, MANIFEST, RCRA NONGEN/NLR
Comments	• NY SPILLS – Spills Information Database: On March 17, 2011, an equipment failure-related spill was reported at a private residence (spill number 1012582). Approximately 30 gallons of #2 heating oil was released, impacting the soil and cement pit. The leaking tank and contaminated soil was removed from the residence. Oily sheen was observed in the groundwater beneath the site. By October 6, 2011, no VOCs with exception of Methylene and no SVOCs were detected in the groundwater. The spill closed and a no further action letter was sent to the responsible party. • Based on the inferred direction of groundwater flow in this area, the site is upgradient with respect to the Subject Property. Considering the contamination onsite and proximity from the Subject Property, this site is a potential vapor encroachment concern to the Subject Property.

Other federal and state-listed sites were identified within the search distances used. Based on their distance from the Subject Property, closed regulatory status, or the anticipated hydraulic gradient, it is GZA's opinion that the remaining listed sites are unlikely to impact the soil, groundwater, or soil vapor conditions at the Subject Property.

7.3 EVALUATION OF UNMAPPED PROPERTIES

GZA also reviewed the list of five "orphan" sites, which are properties with insufficient address information to allow the mapping software to plot a location. Based on the description provided in the database summary and based on their distance and direction from the Subject Property, the listed properties are unlikely to impact the Subject Property.

8.0 INTERVIEWS

No representative was interviewed as part of this Phase I ESA. The tenant provided access to the Subject Property, but did not speak English.

9.0 USER-PROVIDED INFORMATION

GZA requested information from the Client regarding title information, environmental liens, Activity and Use Limitations, and specialized knowledge or commonly known information regarding the Subject Property and, if applicable, the reason for a significantly discounted purchase price. The completed User Questionnaire is provided in **Appendix E**. Responses provided within the User Questionnaire do not indicate additional conditions of concern.

GZA was not provided with any information or documents regarding previous site investigations conducted at or suspected areas of concern the Subject Property.

10.0 NON-ASTM E1527-21 CONSIDERATIONS

This Phase I ESA includes an evaluation of the following environmental issues or conditions that ASTM E1527-21 stipulates as non-scope considerations:

- Vapor Encroachment Assessment.
- Suspect Asbestos-Containing Material (ACM);
- Lead Paint;
- Mold; and
- Radon

10.1 VAPOR ENCROACHMENT ASSESSMENT

Potential Vapor Encroachment Conditions (VECs) of concern have been identified. Other federal and state-listed sites were identified within the search distances used. Based on their distance from the Subject Property, description provided, closed regulatory status, or the anticipated hydrogeologic gradient, it is GZA's opinion that the remaining listed sites including nearby spills and historic gasoline service stations are potential VECs of concern to the Subject Property.

10.2 SUSPECT ASBESTOS-CONTAINING MATERIAL

GZA did not sample any suspect asbestos-containing material (ACM) during this investigation. Only a limited visual survey, within accessible areas, for the presence of suspect ACM within the Subject Property building was performed. The intent of the visual survey was to identify exposed, suspected ACM through a preliminary, non-destructive survey. GZA focused on identifying 1) surfacing materials, 2) exposed thermal system insulation, and 3) friable miscellaneous materials. GZA did not identify visual evidence of asbestos containing material.

10.3 LEAD PAINT

Use of lead in household paint was banned by the Consumer Products Safety Commission in 1978. Structural steel beams continued to be treated with Lead Paint for commercial and industrial applications even after the 1978 residential ban. Majority of the buildings in the surrounding area were constructed prior to 1978. Therefore, it is possible that the exposed and/or underlying layers of paint contain lead. The EPA and the U.S. Department of Housing and Urban Development (HUD) defined lead paint with containing lead levels greater than or equal to 1.0 milligram per square centimeter or more than 0.5% by weight. GZA did not complete a lead paint survey at the time of site reconnaissance.

10.4 MOLD

GZA performed a visual inspection for the presence of mold at the Subject Property. GZA did not observe evidence of mold and did not perform a mold survey.

10.5 RADON

Radon is a naturally occurring, colorless and odorless radioactive gas. The Subject Property was generally located on the State Radon Potential Map produced by the EPA. The EPA's Map of Radon Zones assigns each of the 3,141 counties in the U.S. to one of three zones based on radon potential:

- Zone 1 counties have a predicted average indoor radon screening level greater than 4 picocuries per liter (pCi/L) (red zones)
- Zone 2 counties have a predicted average indoor radon screening level between 2 and 4 pCi/L (orange zones)
- Zone 3 counties have a predicted average indoor radon screening level less than 2 pCi/L (yellow zones)

According to the EPA's map, Queens, New York falls within Zone 3, which is typically not a concern for additional testing.

It also should be noted that the EPA map is general in nature, and that wide variations of radon levels could be found in a particular zone. The EPA recommends that residential buildings with readings greater than 4 pCi/L install remedial measures to reduce the amount of radon. In buildings with readings between 2 and 4 pCi/L the EPA has suggested that installation of remedial measures should be considered. A qualified professional should determine the actual radon levels for the Subject Property building if remedial measures are being considered.

11.0 FINDINGS AND CONCLUSIONS

GZA performed a Phase I ESA in general conformance with the scope and limitation of ASTM E1527-21 for the Subject Property located at 135-27 Sapphire Street, Queens, NY. Exceptions to, or deviations from, this practice are described in **Section 1.4** of this Phase I ESA Report.

11.1 RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

In GZA's opinion, this Phase I ESA revealed evidence of several RECs in connection with the Subject Property.

- Lot 24: Oil stains were observed on the east side of the asphalt parking area.
- Lot 39/40: Suspected gasoline stains were observed beneath the generator on the east side of the Subject Property.
- Lot 42: Stained soil was observed around the first hydraulic oil drum storage area near the center of the lot
- Lot 42: Staining was observed around the second hydraulic oil drum storage area in the northeastern corner of the lot.

- Lot 42: Staining was observed near a suspected open container of gasoline in the northwestern portion of the lot

- Lots 39/40/42: There were numerous open containers of oil and dumped/tipped drums observed.

11.2 CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS (CRECs)

In GZA's opinion, this Phase I ESA revealed no evidence of CRECs in connection with the Subject Property.

11.3 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

In GZA's opinion, this Phase I ESA revealed no evidence of HRECs in connection with the Subject Property.

11.4 *DE MINIMIS* CONDITIONS

In GZA's opinion, De Minimis Conditions revealed no evidence of HRECs in connection with the Subject Property.

11.5 SIGNIFICANT DATA GAPS

In GZA's opinion, this Phase I ESA revealed five data gaps that may affect the ability to identify RECs, CRECs, or HRECs at the Subject Property.

At the time of the GZA's site reconnaissance, the yellow storage container in the northwestern portion of Lot 42 was inaccessible.

Lots 32, 34, and 45 were inaccessible at the time of the GZA's site reconnaissance.

A few areas on Lots 39, 40, and 42 were inaccessible due to unsafe conditions or being blocked off by heavy machinery/debris.

11.6 BUSINESS ENVIRONMENTAL RISKS

Potential Vapor Encroachment Conditions (VECs) of concern to the Subject Property have been identified. Based on their distance from the Subject Property, description provided, closed regulatory status, or the anticipated hydrogeologic gradient, it is GZA's opinion that the listed sites in the Third-Party Database Report, including spills and staining on the Subject Property, historical hazardous waste sites, offsite spills, and historic gasoline service stations are potential VECs of concern to the Subject Property. Additional information about each of the potential VECs of concern can be found in **Section 7.2.**

Several stockpiles of solid waste were observed between Lots 39, 40, and 42.

General upkeep of the Subject Property and the amount of improperly stored petroleum products increases the potential for unseen RECs not identified above.

Two unidentified metal covers were on the east side of Lot 38. See photo 36 in the photolog, found in **Appendix B.**

12.0 REFERENCES

EDR, Aerial Photo Decade Package, Shelton, CT, dated September 17, 2024.

EDR, City Directory Image Report, Shelton, CT, dated September 17, 2024.

EDR, Historical Topo Map Report, Shelton, CT, dated September 17, 2024.

EDR, The EDR Radius Map Report with Geocheck™, dated September 17, 2024.

EDR, Sanborn® Map Report, Shelton, CT, dated September 17, 2024.

New York City Department of Buildings: building permit and actions information (http://www.nyc.gov/html/dob/html/bis/bis.shtml).

New York City Department of Finance ACRIS; property tax assessment information (http://nycprop.nyc.gov/nycproperty/nynav/jsp/selectbbl.jsp).

NYC Planning ZoLa New York City's Zoning & Land Use Map, https://zola.planning.nyc.gov/about/#9.72/40.7125/-73.8393

United States Geological Service (USGS) online GIS database, Mineral Resources Online Spatial Data: Geologic maps (usgs.gov)

Depth to Groundwater in the New York Metropolitan Area https://www.arcgis.com/apps/mapviewer/index.html?webmap=36952527b5ef46f388180a27aaf159bc

13.0 ENVIRONMENTAL PROFESSIONAL OPINION

I declare, to the best of my professional knowledge and belief, that I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312; that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property; and that I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. The signature of the Environmental Professional is contained on the cover letter of this Phase I ESA Report. The qualifications of the Environmental Professional are provided in **Appendix F**.

14.0 LIMITATIONS

GZA prepared this Phase I ESA Report on the Subject Property on behalf of, and for the exclusive use of, 135 Sapphire LLC for the purpose indicated above. Use of this Phase I ESA Report, in whole or in part, at other locations, or for other purposes, might lead to inappropriate conclusions, and we do not accept any responsibility for the consequences of such use. Further, reliance by any party not identified in the agreement, for any use, shall be at that party's sole risk, and without any liability to GZA.

In conducting this Phase I assessment, GZA performed its services using that degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. We make no warranty, express or implied.

Our findings and conclusions are based on the work conducted as part of the Scope of Services set forth in this Phase I ESA Report and reflect our professional judgment. Our findings and conclusions should not be considered as scientific certainties or engineering certainties, but rather as our professional opinions based on the limited data gathered during our work.

No environmental site assessment can eliminate the uncertainty of the possible presence of RECs. This Phase I ESA Report was prepared to help reduce, not to eliminate, such uncertainty. Consistent with ASTM E1527-21, we developed our opinions in light of the constraints imposed by time and budget.

As indicated within this Phase I ESA Report, we observed conditions at the Subject Property and at adjoining properties for evidence of RECs at the Subject Property. Where access to portions of the Subject Property or to structures on the Subject Property was unavailable or limited, GZA renders no opinion as to the presence of hazardous substances, hazardous waste, or petroleum products, or to the presence of indirect evidence relating to these materials, in those portions of the Subject Property or structures. In addition, GZA renders no opinion as to the presence of hazardous substances, hazardous waste, or petroleum products, or to the presence of indirect evidence relating to these materials, where direct observation of the interior walls, floors, and/or ceilings of a structure on the Subject Property was obstructed by objects and/or coverings on and/or over such surfaces. We based our opinions on such limited observations. Additionally, activities or events impacting environmental conditions at the Subject Property or at adjoining properties might have been transient and not observable at the time of GZA's site reconnaissance.

We relied upon information made available by federal, state, and local authorities, the Key Site Manager, and others. We did not attempt to independently verify the accuracy or completeness of that information. To the extent we encountered inconsistencies in this information, they were identified within the Report.

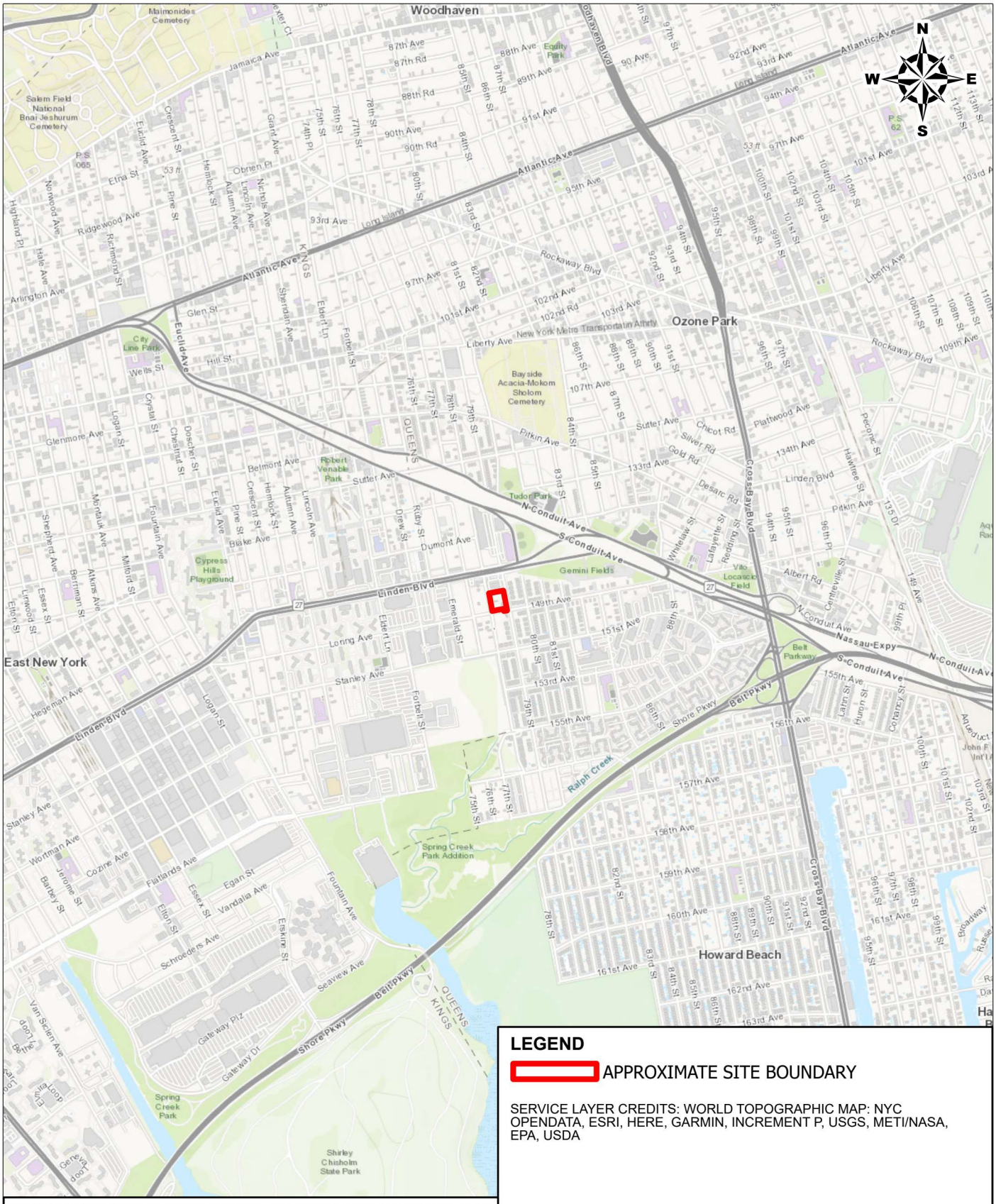
The lender, seller, buyer, or other parties that might become involved with the Subject Property might develop additional opinions or information regarding the presence or absence of RECs at the Subject Property. Such additional opinions or information might not fully support the opinions provided in this Phase I ESA Report. In the event such additional opinions or information is developed, we recommend retaining GZA to review this material so that we have the opportunity to evaluate and modify, as necessary, the opinions provided in this Phase I ESA Report.

Unless otherwise specified within this Phase I ESA Report, we have rendered no opinion on the compliance of Subject Property conditions or activities with federal, state, and local codes, laws, or regulations.

GZA based the opinions expressed in this Phase I ESA Report on conditions observed during our work on this Subject Property; these conditions might change over time. ASTM E1527-21 specifies that observations and opinions are only valid for 180 days from the date the underlying information is developed. After 180 days, portions of this Phase I ESA Report may need to be updated.

Known for excellence.
Built on trust.

Figures



LEGEND

APPROXIMATE SITE BOUNDARY

SERVICE LAYER CREDITS: WORLD TOPOGRAPHIC MAP: NYC OPENDATA, ESRI, HERE, GARMIN, INCREMENT P, USGS, METI/NASA, EPA, USDA

0 1,000 2,000 4,000

SCALE IN FEET

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SAPPHIRE REZONING
135-27 SAPPHIRE STREET
QUEENS, NY (BLOCK 11384, LOTS 15, 24, 28, 29, 32, 34,37-40, 42, & 45)

PHASE I REPORT
SITE LOCATION MAP

PREPARED BY:
GZA GeoEnvironmental, Inc.
www.gza.com

PREPARED FOR:
135 SAPPHIRE LLC

PROJ MGR: QX	REVIEWED BY: KW	CHECKED BY: CS	FIGURE 1
DESIGNED BY: MB	DRAWN BY: MB	SCALE: 1:24,000	
DATE: 10/11/2024	PROJECT NO: 12.0077899.00	REVISION NO:	

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LEGEND

NYC PARCELS

APPROXIMATE SITE BOUNDARY

SERVICE LAYER CREDITS: BING MAPS HYBRID: © 2024 MICROSOFT CORPORATION © 2024 MAXAR ©CNES (2024) DISTRIBUTION AIRBUS DS © 2024 TOMTOM

0 20 40 80

SCALE IN FEET

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SAPPHIRE REZONING
135-27 SAPPHIRE STREET
QUEENS, NY (BLOCK 11384, LOTS 15, 24, 28, 29, 32, 34,37-40, 42, & 45)

PHASE I REPORT
SITE BOUNDARY MAP

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental, Inc. www.gza.com		135 SAPPHIRE LLC	
PROJ MGR: QX	REVIEWED BY: KW	CHECKED BY: CS	FIGURE
DESIGNED BY: MB	DRAWN BY: MB	SCALE: 1:480	2
DATE: 10/11/2024	PROJECT NO: 12.0077899.00	REVISION NO:	

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Appendix A - Phase I ESA Limitations

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of 135 Sapphire LLC. for the stated purpose(s) and location(s) identified in the Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. Our findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. Our services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made.

UNCERTAINTY NOT ELIMINATED

4. No environmental site assessment can eliminate the uncertainty of the possible presence of Recognized Environmental Conditions (RECs). This report was prepared to help reduce, not to eliminate, such uncertainties. Consistent with American Society for Testing and Materials (ASTM) Guidance (ASTM 1527-21), our opinions were developed in light of the constraints imposed by time and budget.

LIMITS TO OBSERVATIONS

5. As indicated in the Report, we made observations for evidence of RECs at the Site and for conditions at adjoining properties that could result in RECs at the Site. Observations were made of the Site and of structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, GZA renders no opinion as to the presence of hazardous substances, hazardous wastes, or petroleum products, or to the presence of indirect evidence relating to these materials, in that portion of the Site or structure. In addition, GZA renders no opinion as to the presence of hazardous substances, hazardous wastes, or petroleum products, or to the presence of indirect evidence relating to these materials, where direct observation of the interior walls, floor, or ceiling of a structure on the Site was obstructed by objects or coverings on or over these surfaces. Our opinions are necessarily based on these limited observations. Additionally, some activities or events of potential interest, at the Site or on adjoining properties, may have been transient and not observable at the time of our visit.

RELIANCE ON INFORMATION FROM OTHERS

6. We relied upon information made available by Federal, state and local authorities, the Key Site Manager, and others. We did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

ADDITIONAL INFORMATION

7. Additional opinions or information regarding RECs may be developed by the lender, seller, buyer, or other parties. Such additional opinions or information may not fully support the opinions provided in this report. In the event such additional

opinions or information is developed, we recommend that we be retained, in a timely manner, to review this material. This will provide us the opportunity to evaluate and modify, as necessary, the opinions provided in the Report.

COMPLIANCE WITH REGULATIONS AND CODES

8. Our services were performed to render an opinion on the presence of RECs. Unless specifically addressed within the Report, we rendered no opinion on the compliance of Site conditions or activities with local, state, or Federal codes or regulations.

SHELF LIFE

9. The opinions expressed in this Report are based on conditions observed during the course of our work on this Site; these conditions may change over time. ASTM Guidance (see ASTM 1527-21) states that observations and opinions are only valid for 180 days. After 180 days, an update of portions of the Report may be necessary.

Appendix B - Photographic Log

Photographic Log

Client Name: 135 Sapphire LLC	**Subject Property Location:** 135-27 Sapphire Street, Queens, NY	**Project No.** 12.0077899.00

Photo No.	**Date:**
1	9/12/24

Direction Photo Taken:
North

Description:
Lot 34 entrance taken from 149th Avenue. The lot was used for the storage of vehicles and miscellaneous clutter/debris.



Photo No.	**Date:**
2	9/12/24

Direction Photo Taken:
North

Description:
Lot 32 entrance taken from 149th Avenue. The lot was used for the storage of vehicles at the time of the site reconnaissance.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
3	9/12/24

Direction Photo Taken:
North

Description:
Lot 45 entrance taken from 79th Street.

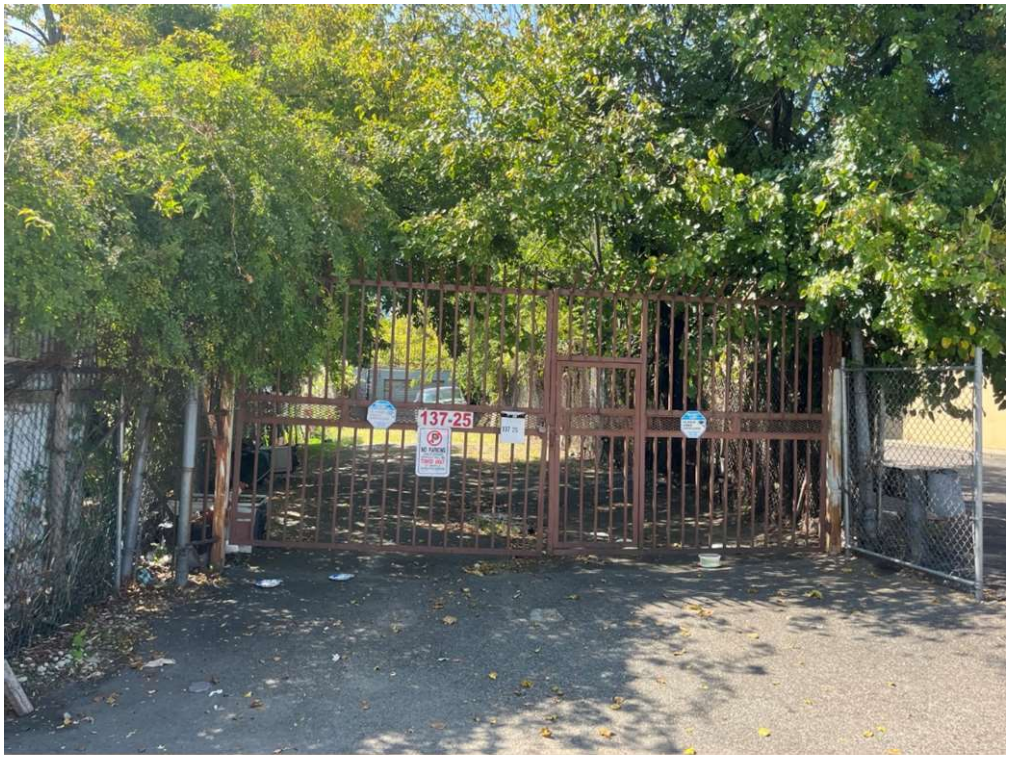


Photo No.	Date:
4	9/12/24

Direction Photo Taken:
North

Description:
Lot 24 parking area in the northeastern corner of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
5	9/12/24

Subject Property Area:
Lot 24

Description:
Storage shed located on the west side of the Lot 24. Chemicals observed include hydraulic fluid, asphalt solvent, engine oil, and paints.

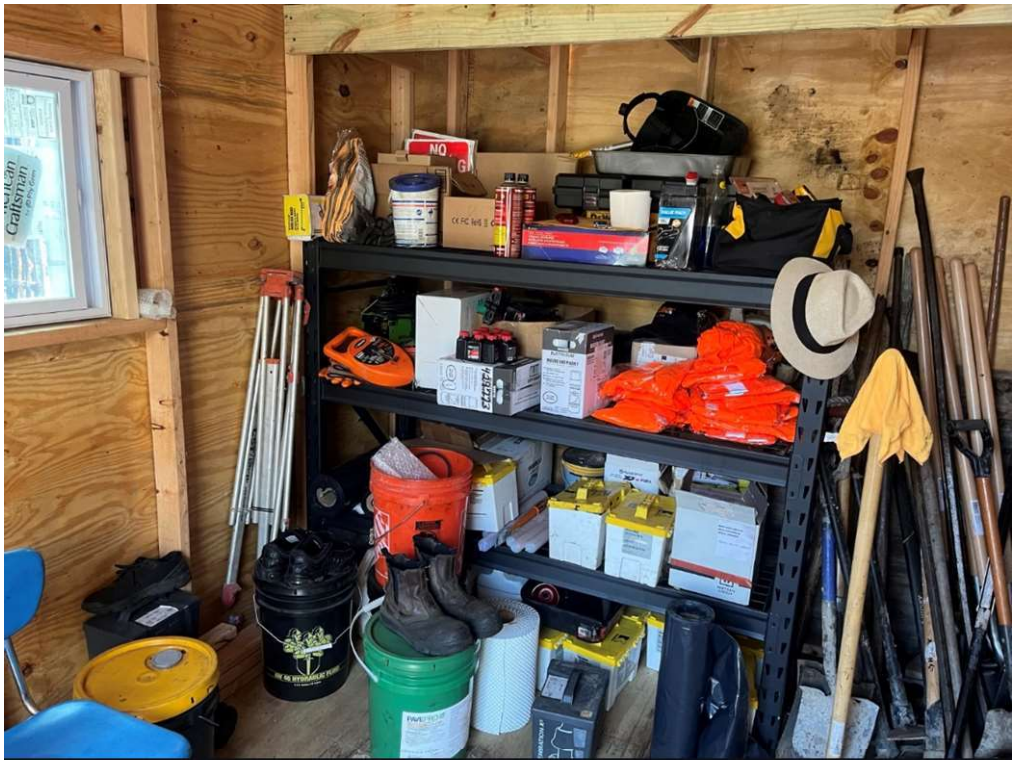


Photo No.	Date:
6	9/12/24

Subject Property Area:
Lot 24

Description:
Oil stains observed on the east side of Lot 24



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No. 7	Date: 9/12/24
Subject Property Area: Lot 24	
Description: Buckets of hydraulic oil observed in the northwestern corner of Lot 24.	



Photo No. 8	Date: 9/12/24
Direction Photo Taken: North	
Description: Construction/office trailer for a landscaping company on Lot 29 of the Subject Property	



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
9	9/12/24

Subject Property Area:
Lot 29

Description:
Soil and mulch stockpiles in the southwestern corner of Lot 29.



Photo No.	Date:
10	9/12/24

Direction Photo Taken:
North

Description:
Partially enclosed structure and storage container on Lot 28 of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
11	9/12/24

Subject Property Area:
Lot 29

Description:
Storage container and equipment on the north side of Lot 29.



Photo No.	Date:
12	9/12/24

Subject Property Area:
Lot 29

Description:
Landscaping equipment/ materials and numerous gas cans were observed in the storage bin on Lot 29.



Photographic Log

Client Name: 135 Sapphire LLC	**Subject Property Location:** 135-27 Sapphire Street, Queens, NY	**Project No.** 12.0077899.00

Photo No.	**Date:**
13	9/12/24

Direction Photo Taken:
East

Description:
Residence on Lot 38.



Photo No.	**Date:**
14	9/12/24

Subject Property Area:
Lot 38 residence

Description:
Living room.



Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
15	9/12/24

Subject Property Area:
Lot 38 residence

Description:
Boiler and water heater in the kitchen area of the residence.



Photo No.	Date:
16	9/12/24

Subject Property Area:
Lot 38 residence

Description:
Disinfectants and cleaners underneath the bathroom sink.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
17	9/12/24

Direction Photo Taken:
East

Description:
Entrance for Lots 39, 40, and 42 along 79th Street.



Photo No.	Date:
18	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Buckets of hydraulic oil on the west side of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
19	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
View of the Subject Property to the east.



Photo No.	Date:
20	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
One of several stockpiles of waste on the Subject Property. Intact and crushed hydraulic oil drums were observed in the stockpile.



Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
21	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Workshop/equipment storage area on the north side of the Subject Property.



Photo No.	Date:
22	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Workshop area and three gasoline cans



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
23	9/12/24

Subject Property Area:
Lots 39, 40, and 42

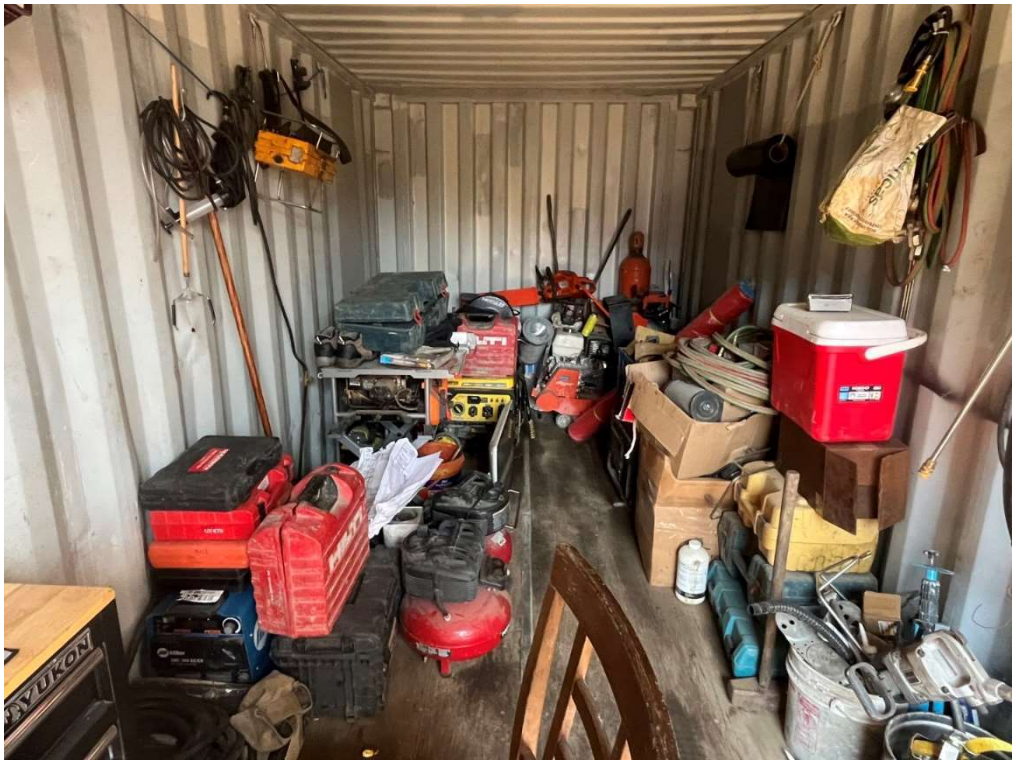
Description:
Suspected open container of gasoline and staining on the north side of the Subject Property



Photo No.	Date:
24	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Equipment in the shipping container on the north side of the Subject Property. Chemicals observed include buckets of hydraulic oil, waterproofing solvent, and cleaners.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No. 25	Date: 9/12/24
Subject Property Area: Lots 39, 40, and 42	
Description: Storage of heavy machinery and building materials on the north side of the Subject Property.	



Photo No. 26	Date: 9/12/24
Subject Property Area: Lots 39, 40, and 42	
Description: Storage of heavy machinery and building materials on the south side of the Subject Property.	



Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
27	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Drum storage area and stained soil observed on the northeastern side of the Subject Property.



Photo No.	Date:
28	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Inactive above-ground storage tank on the east side of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
29	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Drum storage area in the northeastern corner of the Subject Property.



Photo No.	Date:
30	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Old generator on the south side of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
31	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Staining observed beneath the generator on the south side of the Subject Property.



Photo No.	Date:
32	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Waste bin on the north side of the Subject Property.



Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
33	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Equipment trailer in the northwestern corner of the Subject Property. A few gas cans were observed outside of the trailer.



Photo No.	Date:
34	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Equipment trailer in the northwestern corner of the Subject Property. Chemicals observed include concrete mix, primer, transmission fluid, steering fluid, and paints.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
35	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Suspected buckets of hydraulic oil on the south side of the Subject Property.



Photo No.	Date:
36	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Two unidentified metal covers near the center of the Subject Property, east of the residence.



Photographic Log

Client Name: 135 Sapphire LLC	Subject Property Location: 135-27 Sapphire Street, Queens, NY	Project No. 12.0077899.00

Photo No.	Date:
35	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Garbage bags and other waste on the south side of the Subject Property.



Photo No.	Date:
36	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
Waste stockpile on the south side of the Subject Property.



Photographic Log

Client Name: 135 Sapphire LLC	**Subject Property Location:** 135-27 Sapphire Street, Queens, NY	**Project No.** 12.0077899.00

Photo No.	**Date:**
37	9/12/24

Subject Property Area:
Lots 39, 40, and 42

Description:
View underneath the metal cover, possible drainage system.



Appendix C - Historical Documentation

137-25 Sapphire Street

13725 78TH ST

Howard Beach, NY 11414

Inquiry Number: 7765872.8

September 17, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/17/24

Site Name:

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414
EDR Inquiry # 7765872.8

Client Name:

GZA GeoEnvironmental, Inc.
55 Lane Road
Fairfield, NJ 07004
Contact: Vicki Curran

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 08, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: March 16, 1985	USDA
1980	1"=500'	Flight Date: July 25, 1980	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: November 22, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: February 18, 1954	USGS
1951	1"=500'	Flight Date: April 20, 1951	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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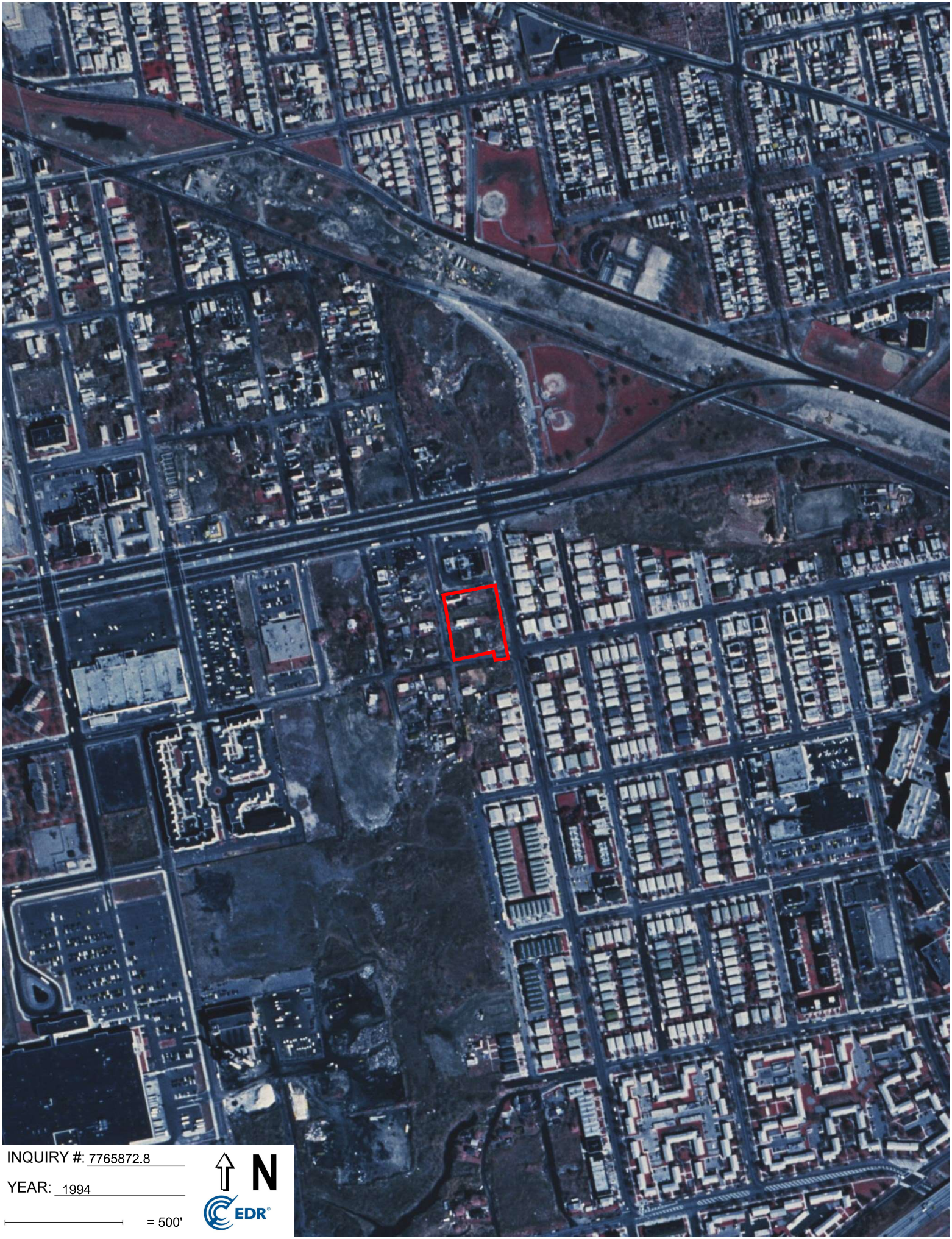
INQUIRY #: 7765872.8
YEAR: 2019
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 2015
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 2011
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 1994
= 500'
N
EDR



INQUIRY #: 7765872.8

YEAR: 1985

= 500'

N

EDR



INQUIRY #: 7765872.8

YEAR: 1980

= 500'

N

EDR


INQUIRY #: 7765872.8
YEAR: 1966
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 1961
= 500'
N
EDR


INQUIRY #: 7765872.8
YEAR: 1954
= 500'
N
EDR



INQUIRY #: 7765872.8

YEAR: 1951

= 500'

N

EDR



INQUIRY #: 7765872.8

YEAR: 1924

= 500'

N

EDR

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414

Inquiry Number: 7765872.5
September 17, 2024

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	-	X	X	-
2010	Cole Information	-	X	X	-
2005	Cole Information	-	X	X	-
	Hill-Donnelly Information Services	-	X	X	-
2000	Cole Information	X	X	X	-
1996	NYNEX	-	-	-	-
1995	Cole Information	X	X	X	-
1992	Cole Information	-	X	X	-
1991	NYNEX Information Resource Company	-	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1970	New York Telephone	-	X	X	-
1967	New York Telephone	-	X	X	-
1962	New York Telephone Directory	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1950	New York Telephone	-	-	-	-
1945	New York Telephone	-	-	-	-
1939	New York Telephone Company	-	-	-	-
1934	R. L. Polk & Co.	-	-	-	-
1922	H.C. Morris	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
137-25 Sapphire Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

13725 78TH ST
Howard Beach, NY 11414

FINDINGS DETAIL

Target Property research detail.

78TH ST

13725 78TH ST

Year	*Uses*	*Source*
2000	CURB SIDE CONCRETE INCORPORATED	Cole Information
	RIDGE CONCRETE & LANDSCAPING CORPORATION	Cole Information
1995	CURB-SIDE CONCRETE INC	Cole Information
	CURBSIDE CONCRETE	Cole Information
	G & G LANDSCAPING	Cole Information

Sapphire Street

137-25 Sapphire Street

Year	*Uses*	*Source*

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

78TH ST

13705 78TH ST

Year	Uses	Source
2014	ELIZABETH DAVIS	Cole Information
2010	ELIZABETH DAVIS	Cole Information

13735 78TH ST

Year	Uses	Source
2017	YOLANDA RIVERA	Cole Information
	MIGUEL RIVERA	Cole Information
2014	YOLANDA RIVERA	Cole Information
2010	YOLANDA RIVERA	Cole Information
	MIGUEL CARRERO	Cole Information
2005	h Rivera Y A 0718 296 2641 s	Hill-Donnelly Information Services
	MIGUEL RIVERA	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1992	CARRERO, MIGUEL	Cole Information

LINDEN BLVD

2870 LINDEN BLVD

Year	Uses	Source
2020	LINDENWOOD DINER & RESTRNT	EDR Digital Archive

7801 LINDEN BLVD

Year	Uses	Source
2010	LINDEN GETTY SVC STATION INC	Cole Information
2005	Linden Getty Svc Station Inc	Hill-Donnelly Information Services
	U Haul Co i s	Hill-Donnelly Information Services
	LINDEN GETTY SERVICE STATION INC	Cole Information
2000	Linden Getty Svc	Cole Information

FINDINGS

Year	Uses	Source
2000	LINDEN GETTY SERVICE STATION INCORPORATED	Cole Information
1995	LINDEN GETTY SERVICE STATION INC	Cole Information
1976	Linden Svce Sta	New York Telephone
	Linden Svce Sta	New York Telephone
1970	J & A Svce Sta	New York Telephone
	J & A Svce Sta	New York Telephone
1967	Walts Tree Svce Inc	New York Telephone

7806 LINDEN BLVD

Year	Uses	Source
2020	JADE LINDEN	EDR Digital Archive
2014	JADE LINDEN	Cole Information
2010	JADE LINDEN RESTAURANT	Cole Information
2005	Jade Linden	Hill-Donnelly Information Services
	JADE LINDEN	Cole Information
2000	Jade Linden	Cole Information
1995	JADE LINDEN	Cole Information
1992	GUM HEE RESTAURANT INC	Cole Information
1991	Gurn Hee Restaurant Inc	NYNEX Information Resource Company
1983	Gum Hee Restaurant Inc	New York Telephone
1970	Wah Nam Inc	New York Telephone

7808 LINDEN BLVD

Year	Uses	Source
1976	Goldstein Decorators Inc	New York Telephone
1970	Goldstein Decorators Inc	New York Telephone

7810 LINDEN BLVD

Year	Uses	Source
2020	LINDENWOOD CUT-RATE	EDR Digital Archive
2017	BUY RITE LIQUOR	Cole Information
2014	BUY RITE LIQUOR	Cole Information
2010	BUYRITE LIQUORS	Cole Information
2005	Buy Rite Liquors	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	BUY RITE LIQUORS	Cole Information
2000	Buy Rite Liquors	Cole Information
	BUY RITE LIQUORS	Cole Information
1995	BUY-RITE LIQUORS	Cole Information
1992	LINDEN GETTY SERVICE STATION INC	Cole Information
	BUY-RITE LIQUORS	Cole Information
1991	Buy Rite Liquors	NYNEX Information Resource Company

7812 LINDEN BLVD

Year	Uses	Source
2017	ONE STOP DRY CLEANERS	Cole Information
2014	ONE STOP DRY CLEANERS	Cole Information
2010	ONE STOP DRY CLEANERS	Cole Information
2005	One Stop Dry Cleaners	Hill-Donnelly Information Services
	ONE STOP DRY CLEANERS	Cole Information
2000	One Stop Dry Clnrs	Cole Information
	ONE STOP DRY CLEANERS	Cole Information
1995	WISE ELECTRONIC SUPL INC	Cole Information
1992	WISE ELECTRONIC SUPL INC	Cole Information
1991	Wise Electronic Supl Inc	NYNEX Information Resource Company
1983	WISE ELECTRONIC SUPL INC	New York Telephone
1976	Hair Razors Ll	New York Telephone
1970	Total Look	New York Telephone
	Total Look Coiffures	New York Telephone

7814 LINDEN BLVD

Year	Uses	Source
2020	WALGREENS	EDR Digital Archive
2017	RITE AID	Cole Information
2014	RITE AID	Cole Information
2010	RITE AID	Cole Information
2005	Lock 2000 Locksmiths Ls	Hill-Donnelly Information Services
	Rite Aid Pharmacy	Hill-Donnelly Information Services
	RITE AID PHARMACY # 4693	Cole Information

FINDINGS

Year	Uses	Source
2000	Rite Aid Exprss	Cole Information
	Rite Aid Express	Cole Information
	Rite Aid Phrmcs	Cole Information
	Rite Aid Phrmcs	Cole Information
	85TH AV INTS FROM	Cole Information
	Ozone Park	Cole Information
1992	TOYS N MORE	Cole Information
1991	Toys N More	NYNEX Information Resource Company
1983	Burglar Alarm Central Station	New York Telephone
1976	Charleys Place Inc	New York Telephone

7816 LINDEN BLVD

Year	Uses	Source
2000	PATIO DELICATESSEN	Cole Information
1995	PATIO DELICATESSEN	Cole Information
	JEN-ANN FRENCH DRY CLEANERS	Cole Information
	SHIRLEY'S PLACE KOSHER DELI & RESTAURANT	Cole Information
1992	PATIO DELICATESSEN	Cole Information
	JEN-ANN FRENCH DRY CLEANERS	Cole Information
	SHIRLEY'S PLACE KOSHER DELI & RESTAURANT	Cole Information
1991	Jen Ann French Dry Cleaners	NYNEX Information Resource Company
	Jen Benard	NYNEX Information Resource Company
1983	JENANN FRENCH DRY CLEANERS	New York Telephone
1976	Jen Ann French Dry Cleaners	New York Telephone
1970	Jen Ann French Dry Cleaners	New York Telephone

7818 LINDEN BLVD

Year	Uses	Source
1995	RUDY'S PIZZERIA	Cole Information
1992	V & V VIDEO VIEWS INC	Cole Information
	LINDEN PIZZA	Cole Information
1991	V & V Video Views Inc	NYNEX Information Resource Company
1983	Red Apple Fruit Exch	New York Telephone

Year	Uses	Source
1970	Salad Bowl	New York Telephone
	Salad Bowl	New York Telephone

7820 LINDEN BLVD

Year	Uses	Source
1995	BENNETTS PHARMACY	Cole Information
1992	BENNETTS PHARMACY	Cole Information
1991	Bennetts Pharmacy	NYNEX Information Resource Company
	BENNETTS PHARMACY	NYNEX Information Resource Company
	Bennetts Pharmacy	NYNEX Information Resource Company
1983	Bennetts Pharmacy	New York Telephone
	Bennetts Pharmacy	New York Telephone
	Bennetts Pharmacy	New York Telephone
1976	Bennetts Pharmacy	New York Telephone
	Bennetts Pharmacy	New York Telephone
	Bennetts Pharmacy	New York Telephone

7824 LINDEN BLVD

Year	Uses	Source
1970	Bagel Bin	New York Telephone

SAPPHIRE AVE

13735 SAPPHIRE AVE

Year	Uses	Source
1991	Carrero M	NYNEX Information Resource Company

SAPPHIRE ST

108 SAPPHIRE ST

Year	Uses	Source
1992	ALBERT, WILMA	Cole Information

13725 SAPPHIRE ST

Year	Uses	Source
1970	Perso Mary D	New York Telephone

FINDINGS

Year	Uses	Source
1967	Perso Mary D	New York Telephone
1962	Perso Mary D	New York Telephone Directory

13733 SAPPHIRE ST

Year	Uses	Source
1962	Motisi Frank	New York Telephone Directory

13735 SAPPHIRE ST

Year	Uses	Source
2000	M CARRERO	Cole Information
1992	CARRERO, M	Cole Information
1970	Rosenberg B	New York Telephone
1967	Rosenberg & Langsam b	New York Telephone
1962	Bakunas Wm	New York Telephone Directory

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
108 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13705 78TH ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13705 78TH ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13725 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13725 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
13725 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
13733 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 78TH ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE AVE	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
13735 SAPPHIRE ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
2870 LINDEN BLVD	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7801 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7806 LINDEN BLVD	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7808 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7808 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
7810 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7810 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7812 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7814 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7816 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7818 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7818 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7818 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7818 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7818 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7820 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7820 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7820 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7820 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
7820 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
7824 LINDEN BLVD	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
13725 78TH ST	2020, 2017, 2014, 2010, 2005, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414

Inquiry Number: 7765872.3
September 17, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/17/24

Site Name:

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414
EDR Inquiry # 7765872.3

Client Name:

GZA GeoEnvironmental, Inc.
55 Lane Road
Fairfield, NJ 07004
Contact: Vicki Curran

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 0AB3-462C-BD9F

PO # 12.0077899

Project 135-27 Sapphire Street

Maps Provided:

2007	1995	1986	1951
2006	1994	1982	1950
2005	1993	1980	1928
2004	1992	1979	1927
2003	1991	1977	1911
2002	1989	1968	1908
2001	1988	1965	
1999	1987	1963	

Sanborn® Library search results

Certification #: 0AB3-462C-BD9F

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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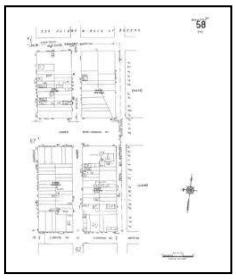
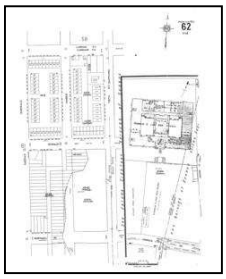
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets

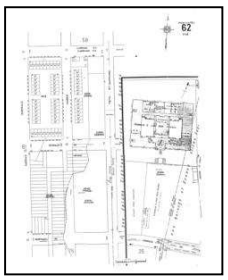


Volume 8, Sheet 58
2007

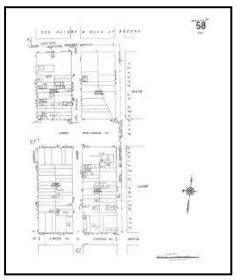


Volume 8, Sheet 62
2007

2006 Source Sheets



Volume 8, Sheet 62
2006



Volume 8, Sheet 58
2006

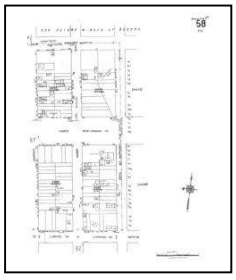


Volume 18, Sheet 65
2006

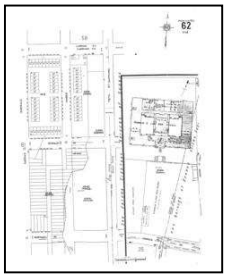
2005 Source Sheets



Volume 18, Sheet 65
2005

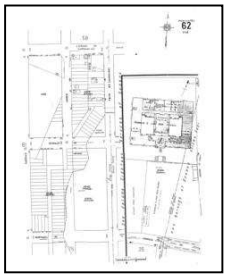


Volume 8, Sheet 58
2005

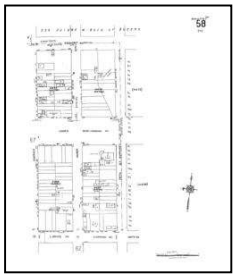


Volume 8, Sheet 62
2005

2004 Source Sheets



Volume 8, Sheet 62
2004



Volume 8, Sheet 58
2004



Volume 18, Sheet 65
2004

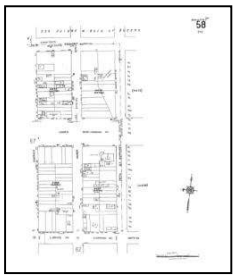
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

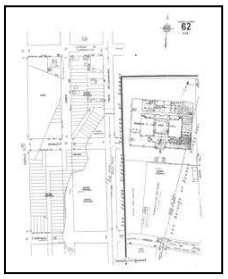
2003 Source Sheets



Volume 18, Sheet 65
2003

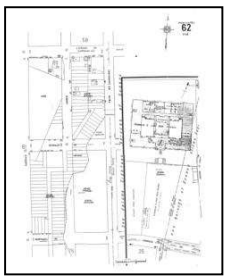


Volume 8, Sheet 58
2003

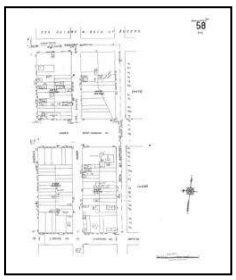


Volume 8, Sheet 62
2003

2002 Source Sheets



Volume 8, Sheet 62
2002



Volume 8, Sheet 58
2002

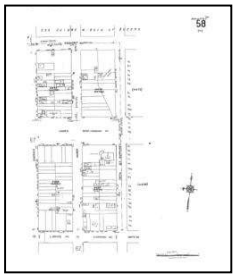


Volume 18, Sheet 65
2002

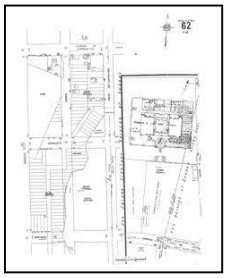
2001 Source Sheets



Volume 18, Sheet 65
2001



Volume 8, Sheet 58
2001



Volume 8, Sheet 62
2001

1999 Source Sheets



Volume 18, Sheet 65
1999

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1995 Source Sheets



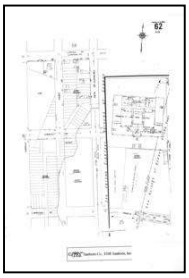
Volume 18, Sheet 65
1995-Jan



Volume 18, Sheet 65
1995-Dec

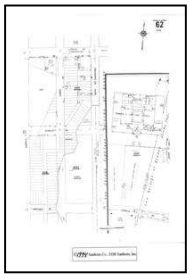


Volume 8, Sheet 58
1995



Volume 8, Sheet 62
1995

1994 Source Sheets



Volume 8, Sheet 62
1994

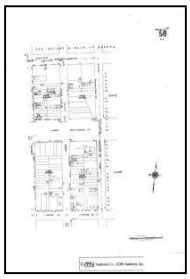


Volume 8, Sheet 58
1994

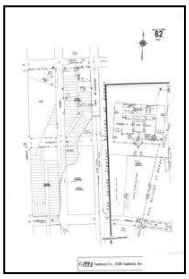
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

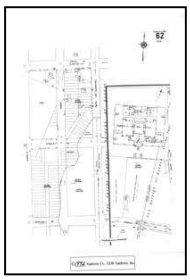
1993 Source Sheets

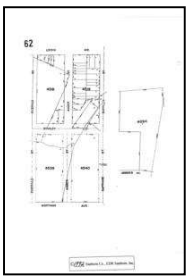

Volume 8, Sheet 58
1993

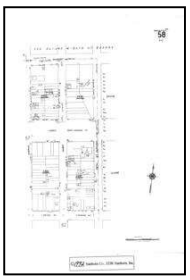

Volume 18, Sheet 65
1993


Volume 8, Sheet 62
1993

1992 Source Sheets


Volume 8, Sheet 62
1992

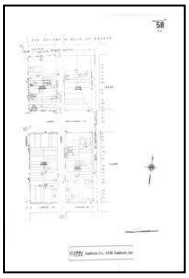

Volume 8, Sheet 62
1992

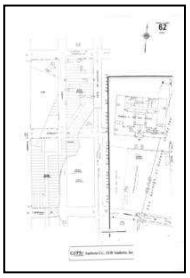

Volume 8, Sheet 58
1992


Volume 18, Sheet 65
1992

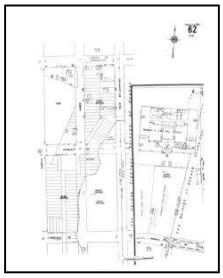
1991 Source Sheets


Volume 18, Sheet 65
1991

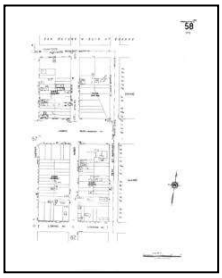

Volume 8, Sheet 58
1991


Volume 8, Sheet 62
1991

1989 Source Sheets


Volume 8, Sheet 62
1989


Volume 18, Sheet 65
1989


Volume 8, Sheet 58
1989

Sanborn Sheet Key

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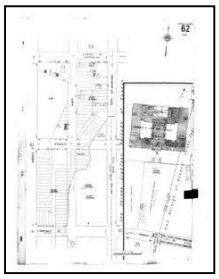
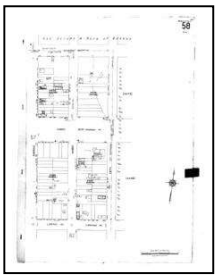
1988 Source Sheets



Volume 18, Sheet 65
1988

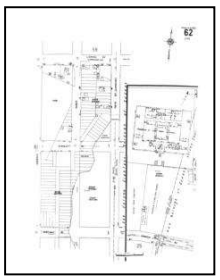


Volume 8, Sheet 62
1988

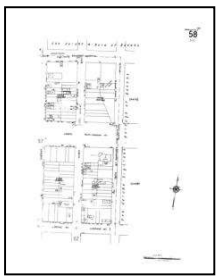


Volume 8, Sheet 58
1988

1987 Source Sheets



Volume 8, Sheet 62
1987



Volume 8, Sheet 58
1987

1986 Source Sheets

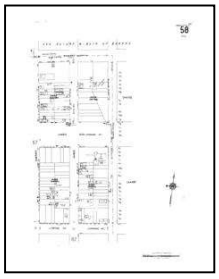


Volume 18, Sheet 65
1986

1982 Source Sheets



Volume 18, Sheet 65
1982



Volume 8, Sheet 58
1982



Volume 8, Sheet 62
1982

Sanborn Sheet Key

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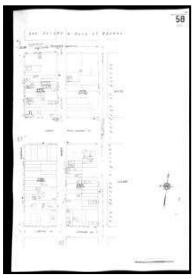
1980 Source Sheets

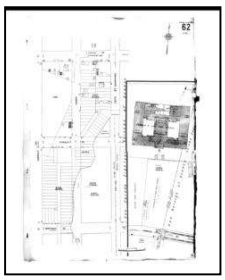


Volume 8, Sheet 62
1980

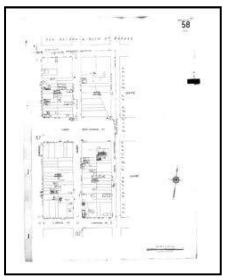


Volume 8, Sheet 58
1980

1979 Source Sheets

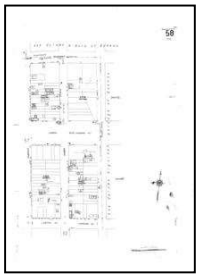


Volume 8, Sheet 62
1979

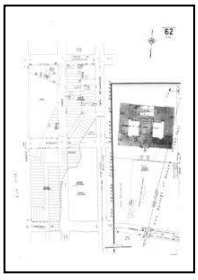


Volume 8, Sheet 58
1979

1977 Source Sheets

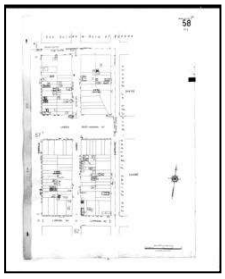


Volume 8, Sheet 58
1977

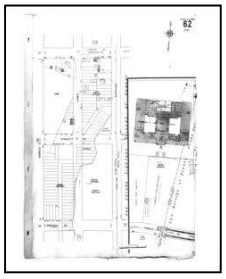


Volume 8, Sheet 62
1977

1968 Source Sheets



Volume 8, Sheet 58
1968



Volume 8, Sheet 62
1968

Sanborn Sheet Key

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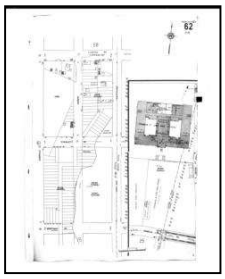
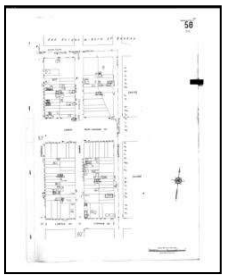
1965 Source Sheets

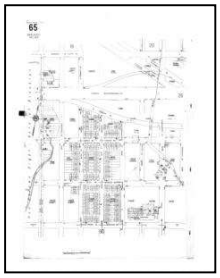


Volume 8, Sheet 62
1965



Volume 8, Sheet 58
1965

1963 Source Sheets

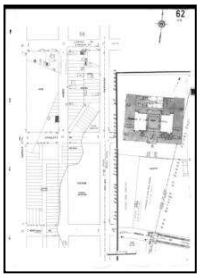


Volume 18, Sheet 65
1963

1951 Source Sheets



Volume 8, Sheet 58
1951



Volume 8, Sheet 62
1951

1950 Source Sheets



Volume 18, Sheet 65
1950

Sanborn Sheet Key

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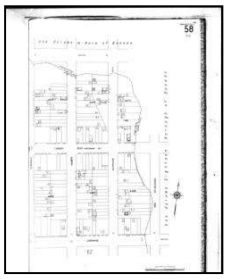
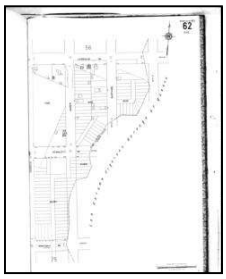
1928 Source Sheets



Volume 8, Sheet 58
1928



Volume 8, Sheet 62
1928

1927 Source Sheets



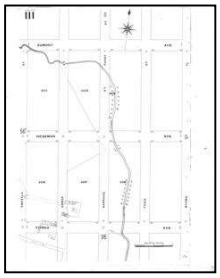
Volume 18, Sheet 65
1927

1911 Source Sheets

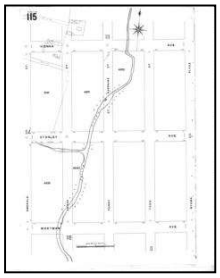


Volume 4, Sheet 79
1911

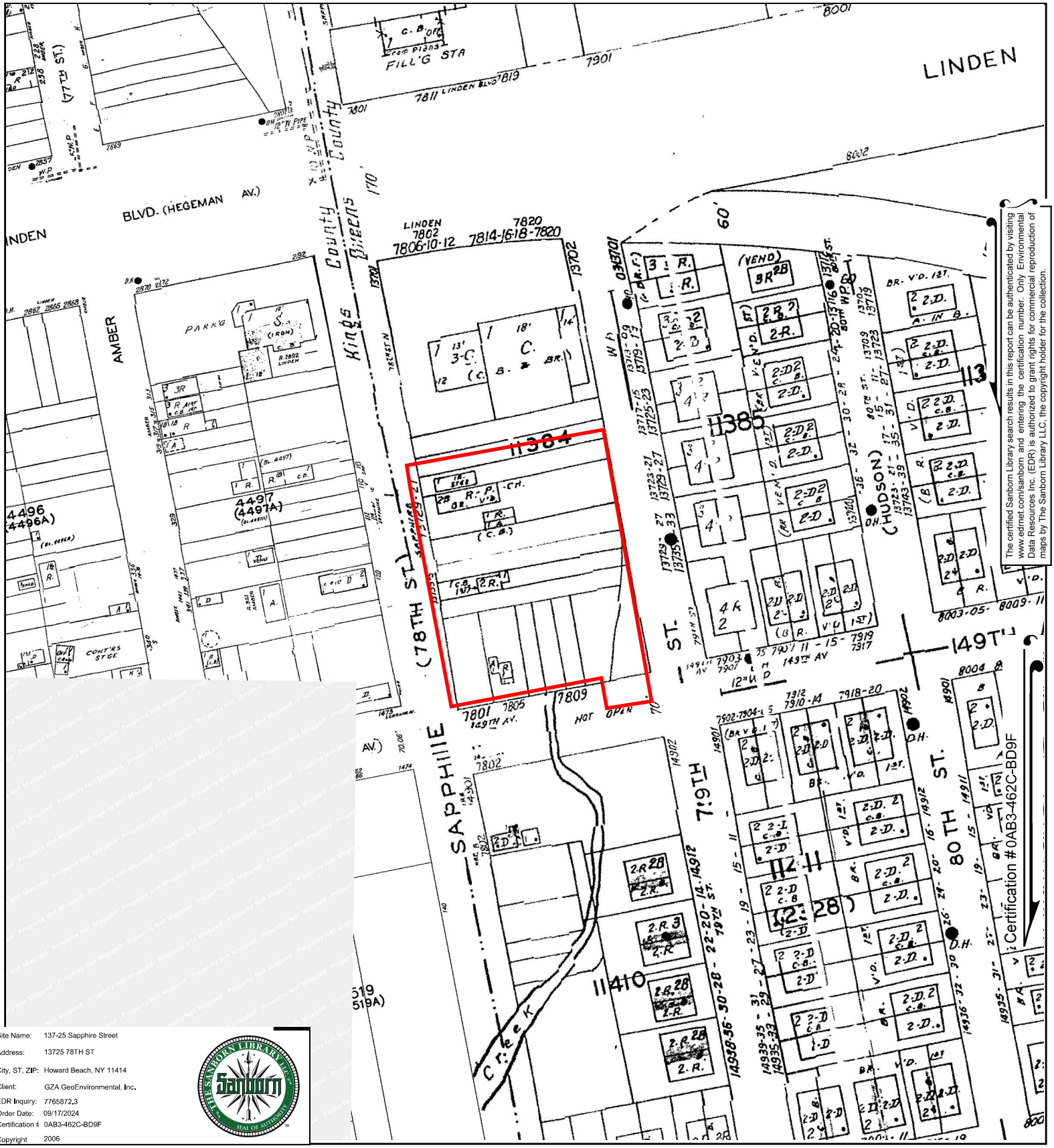
1908 Source Sheets



Volume 8, Sheet 111
1908



Volume 8, Sheet 115
1908



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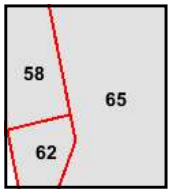
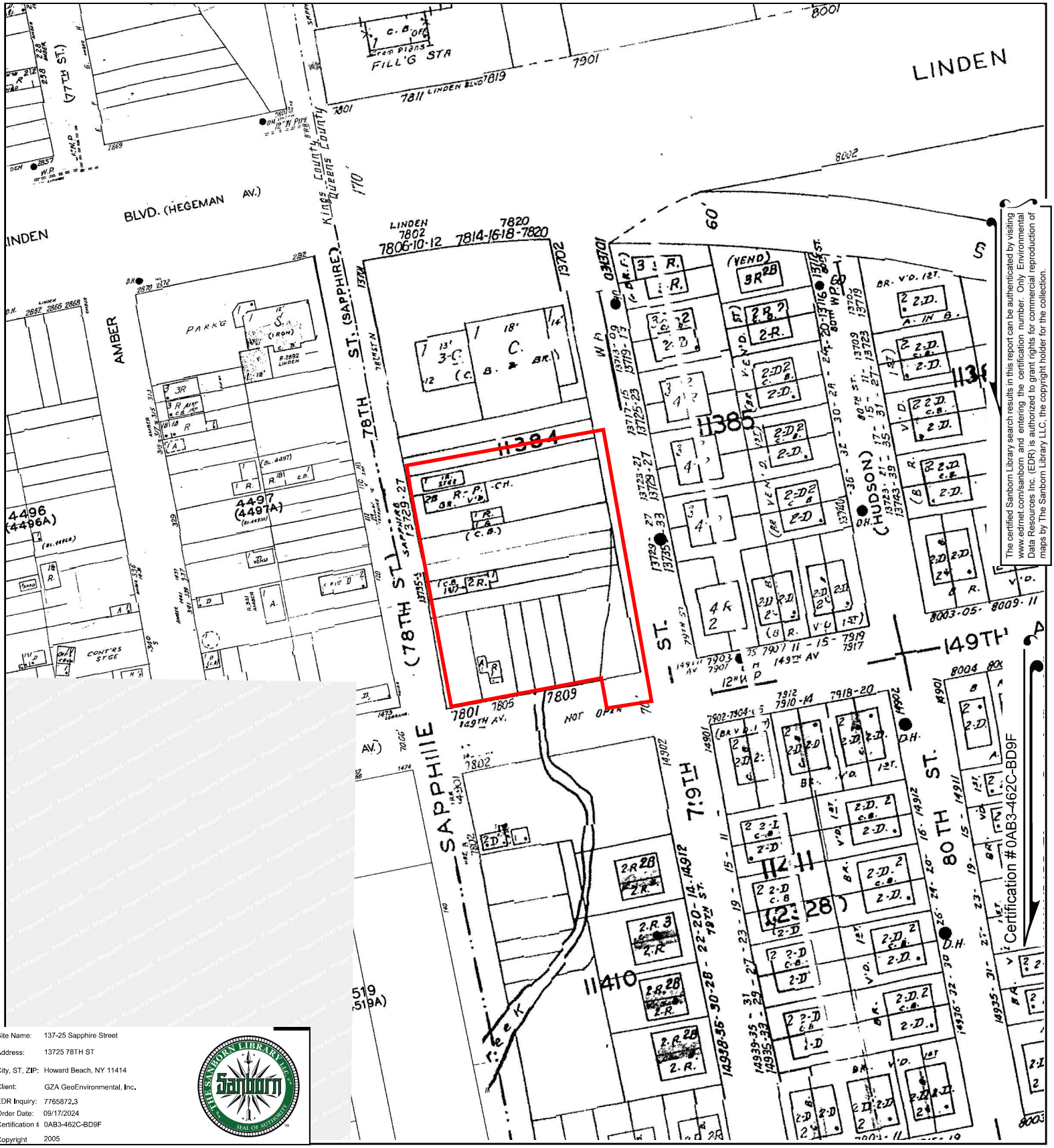


Volume 18, Sheet 65
Volume 8, Sheet 58
Volume 8, Sheet 62

N



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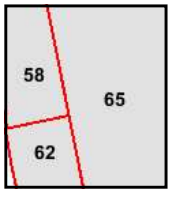

Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65

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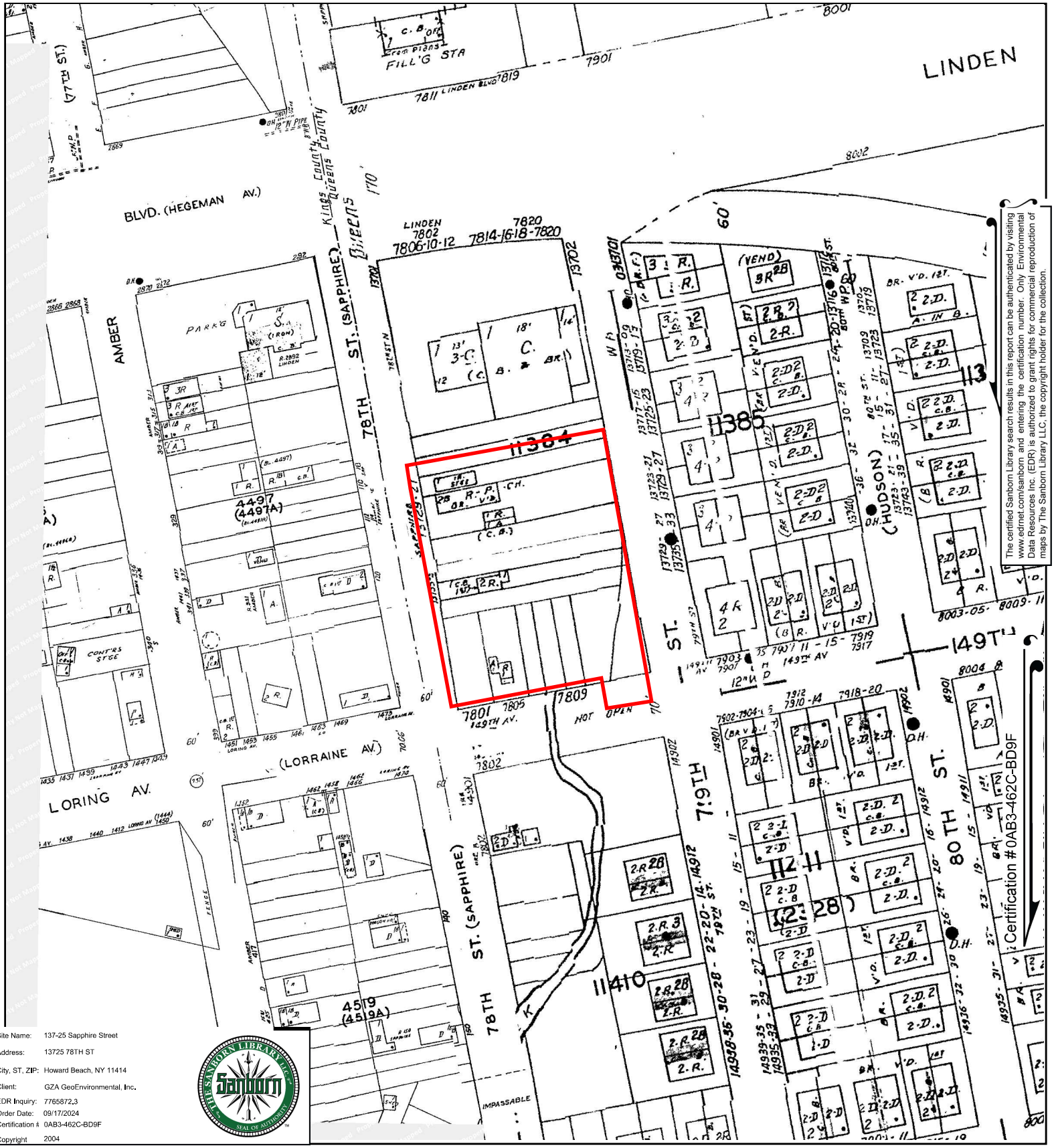

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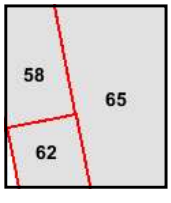

Volume 18, Sheet 65
Volume 8, Sheet 58
Volume 8, Sheet 62

0 Feet 150 300 600

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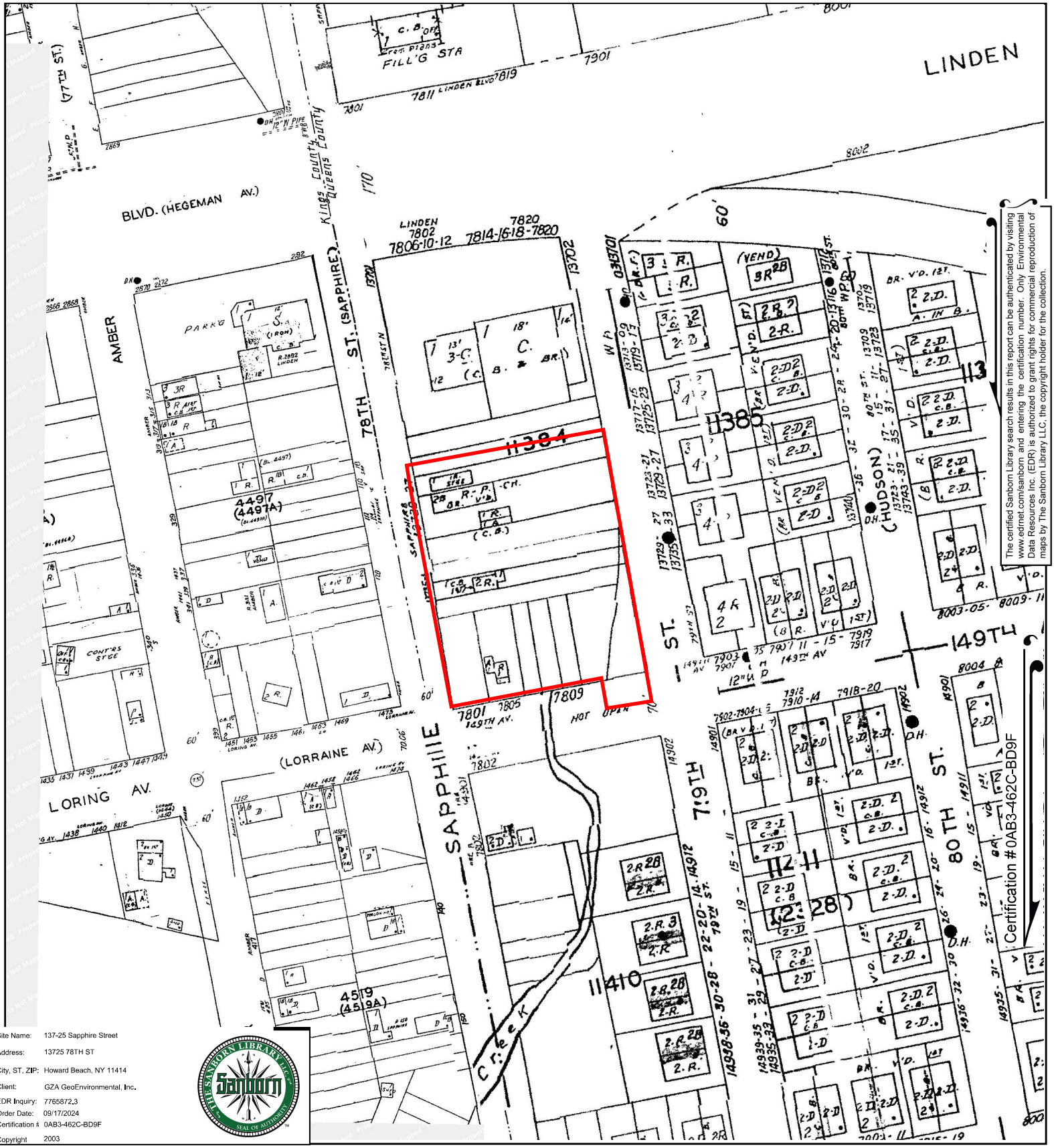

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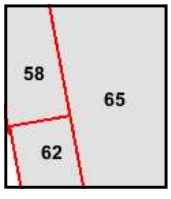
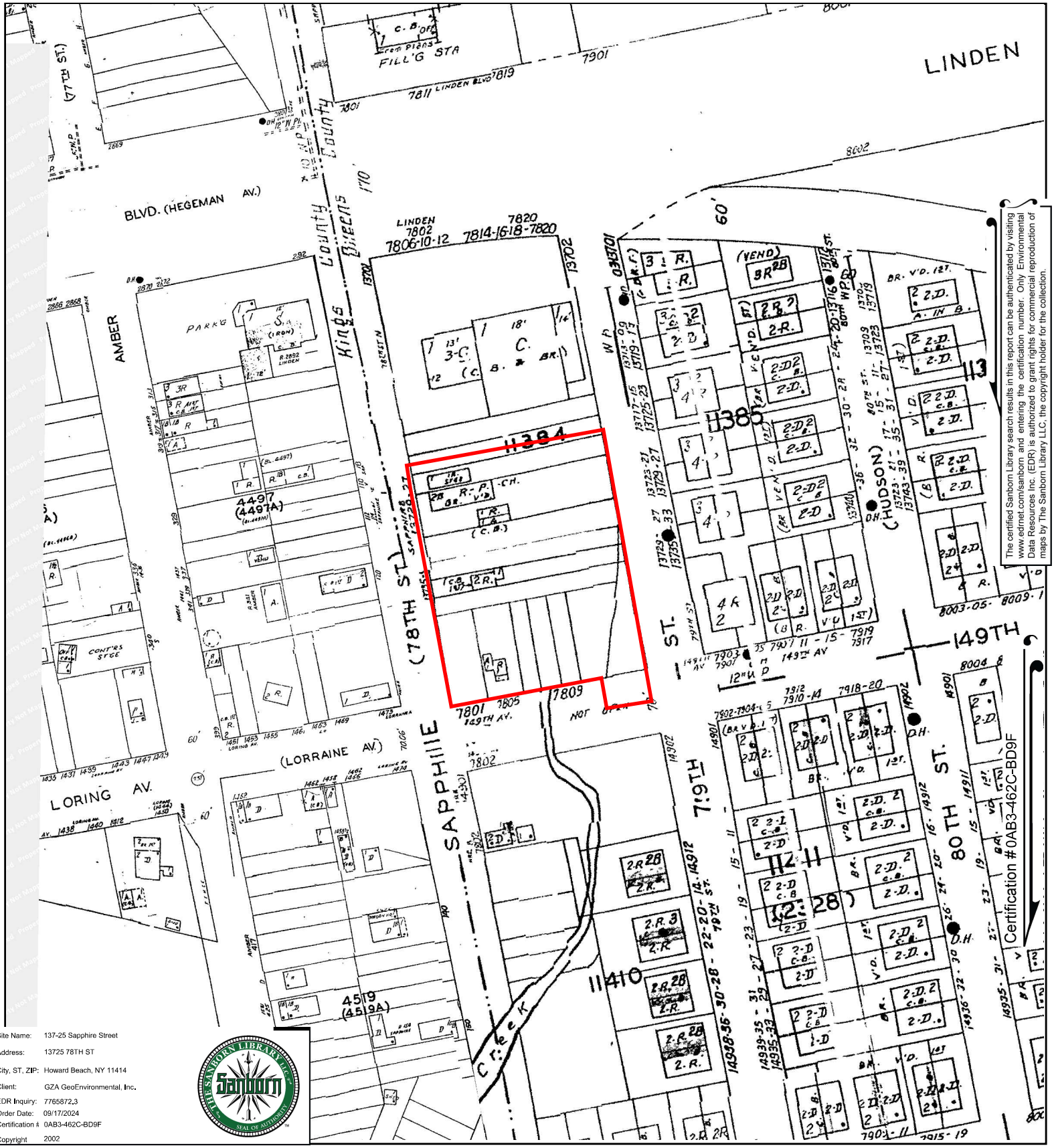


Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65

N



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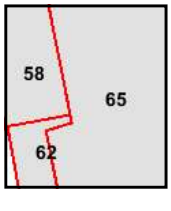
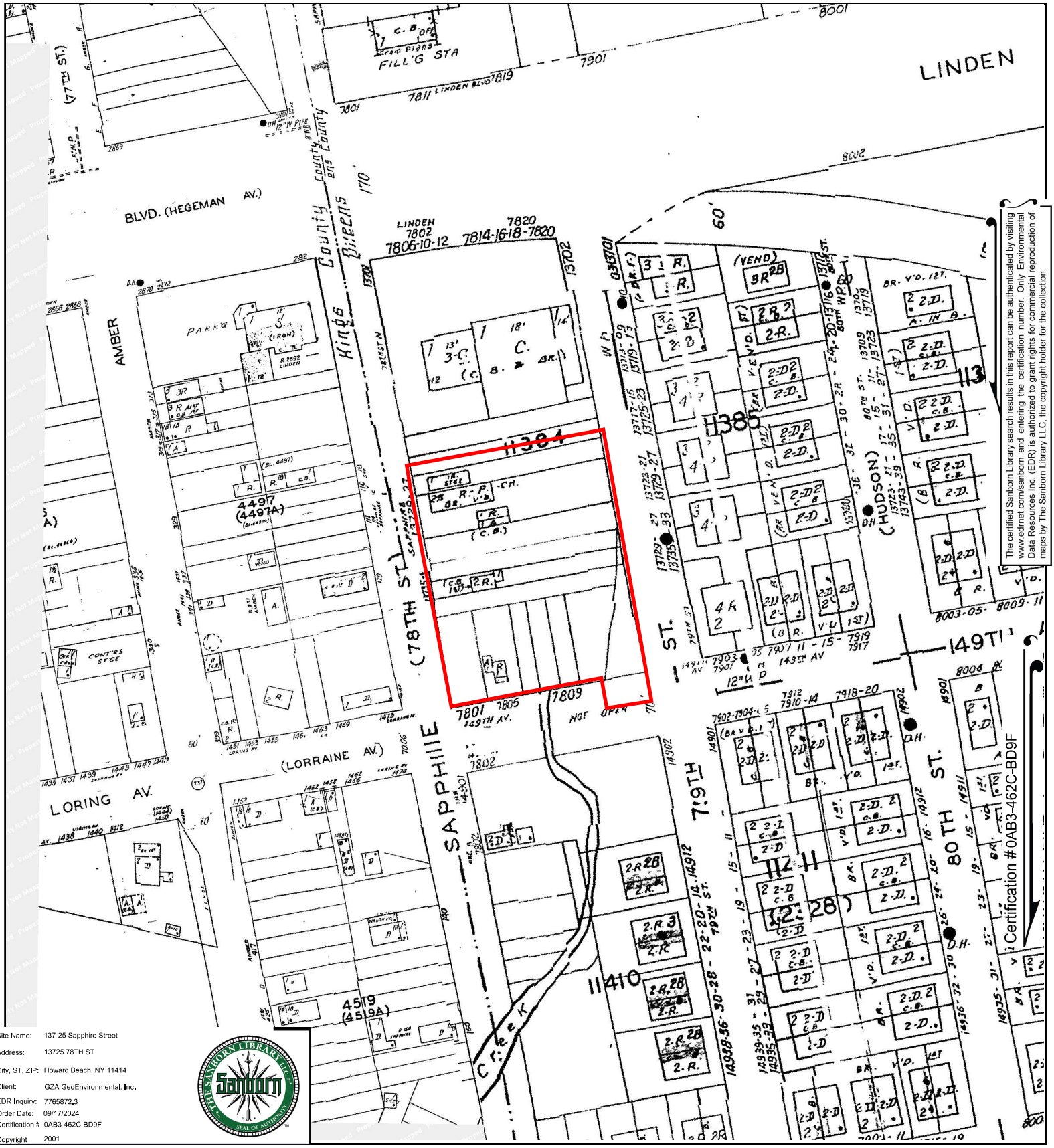


Volume 18, Sheet 65
Volume 8, Sheet 58
Volume 8, Sheet 62

N



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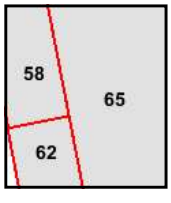
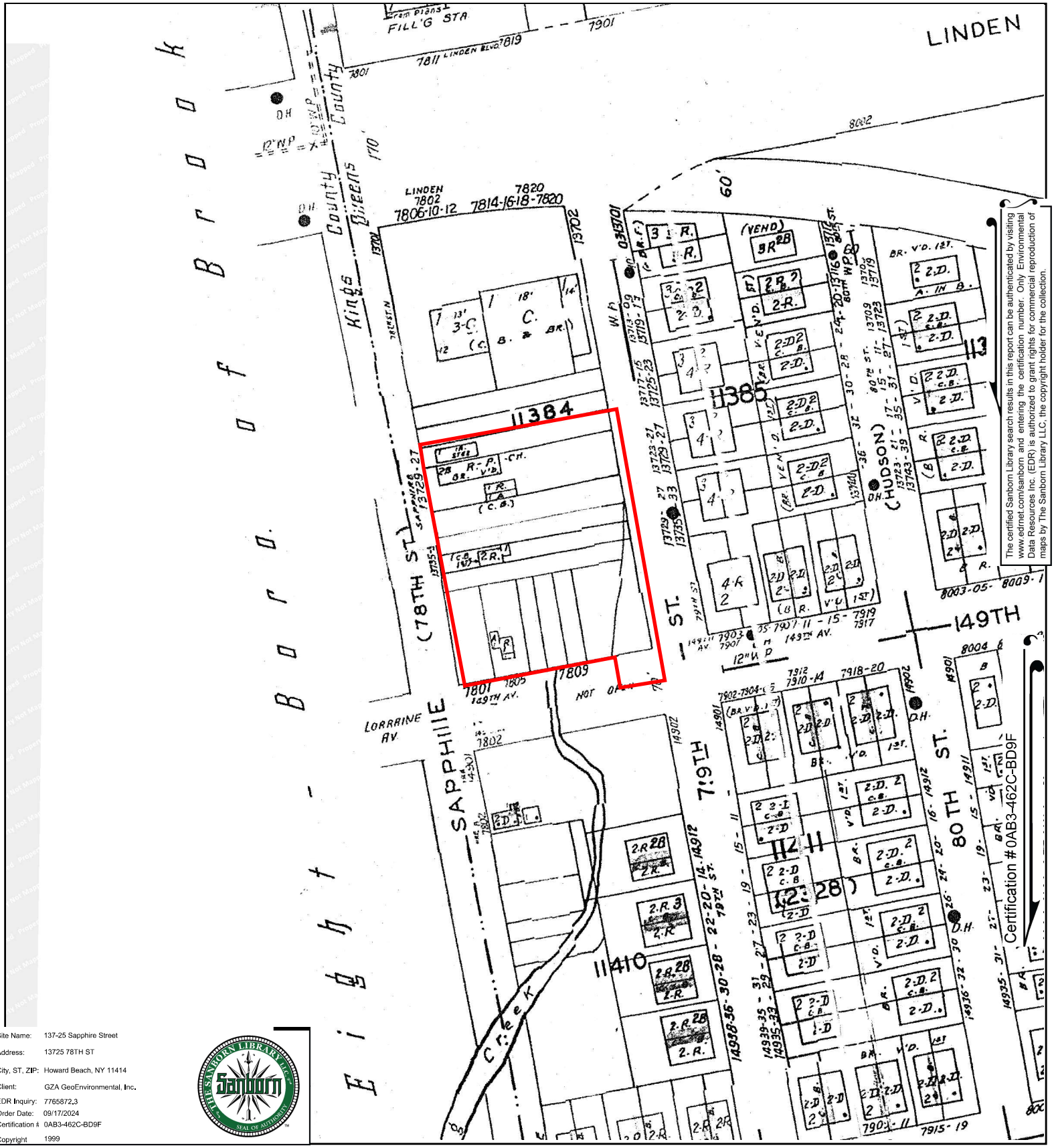


Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65

N



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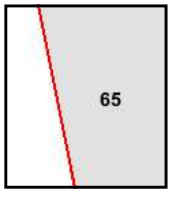
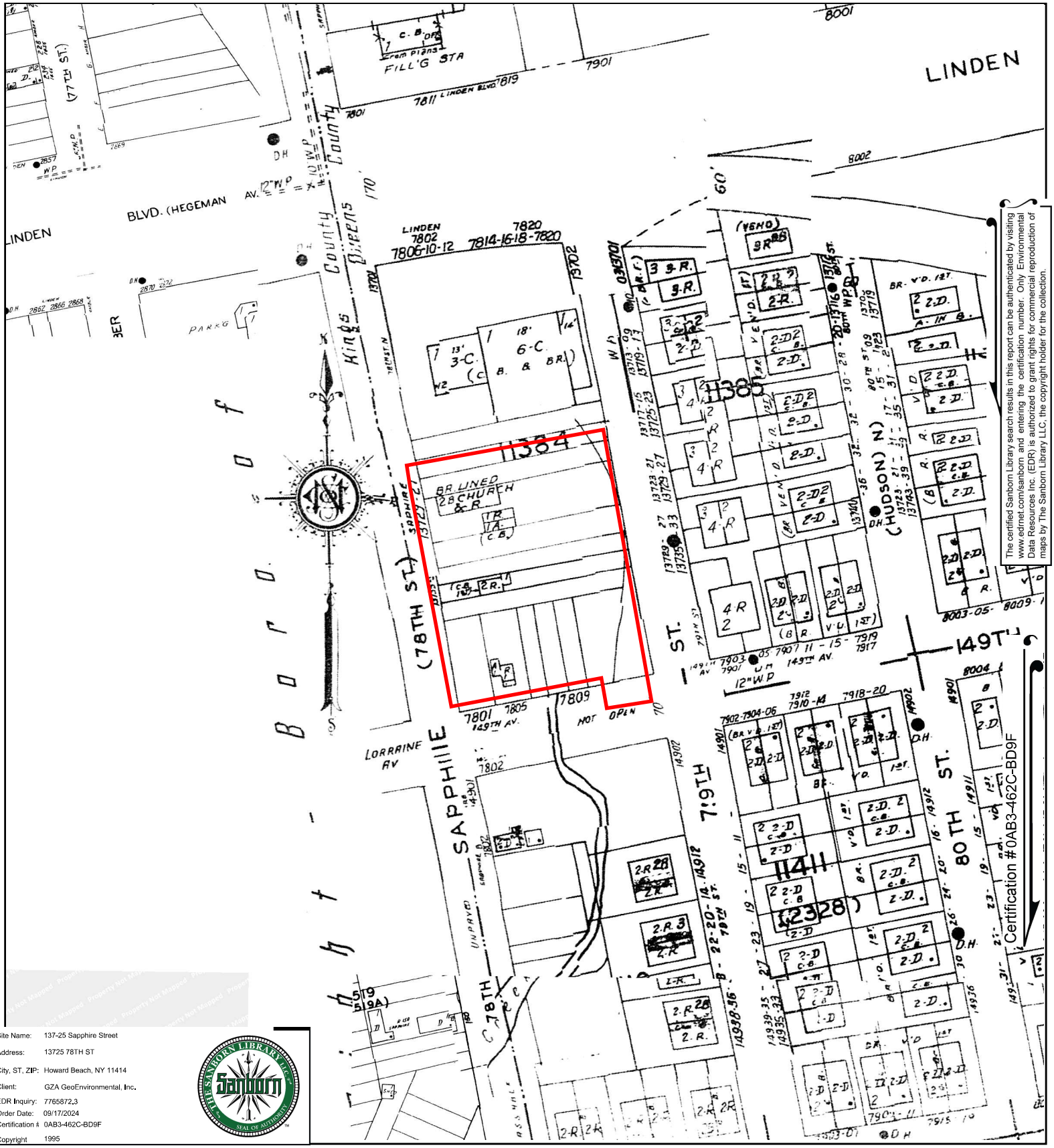


Volume 18, Sheet 65

N



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Certification #	0AB3-462C-BD9F
Copyright	1995

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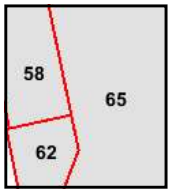
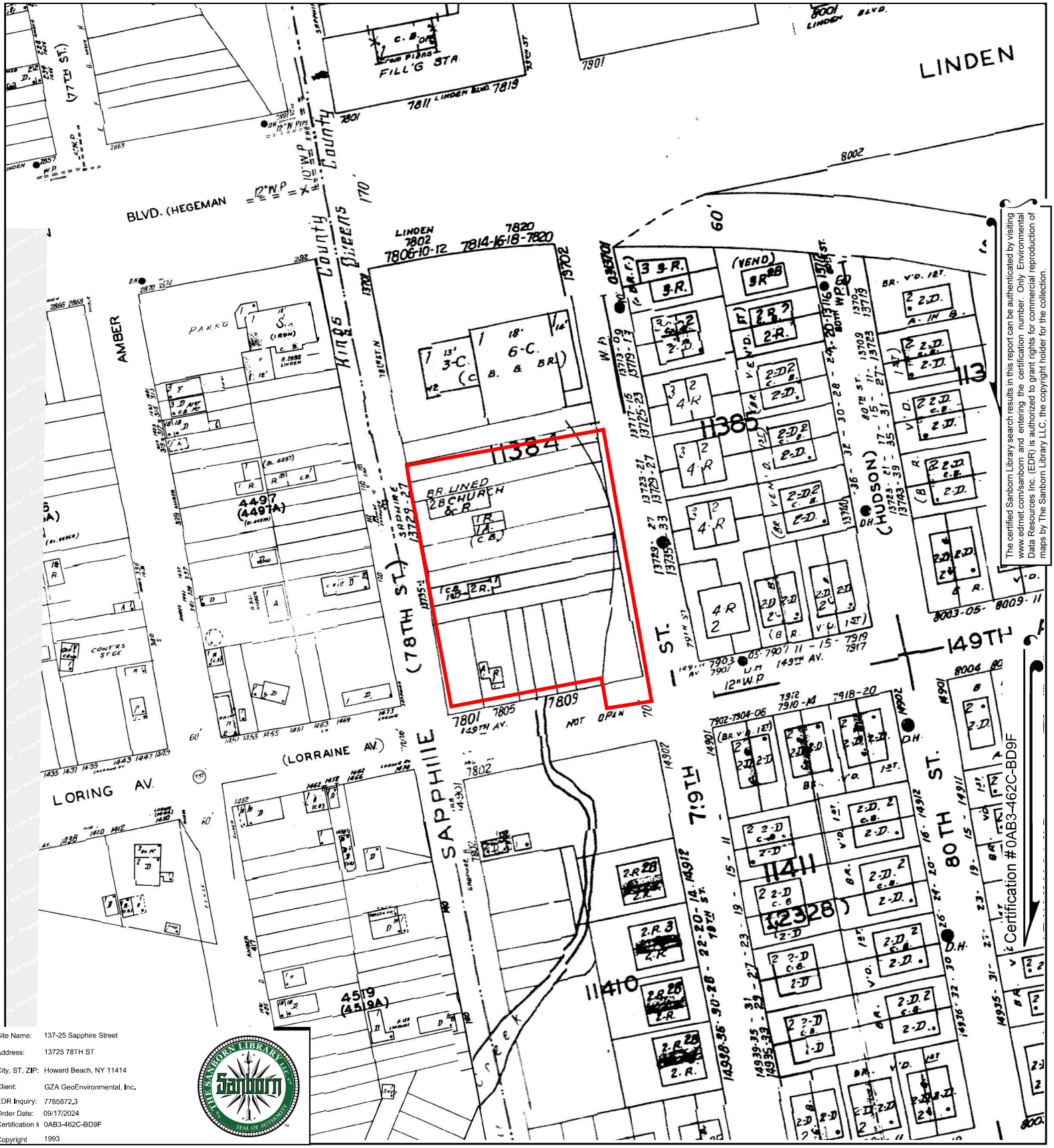


Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65
Volume 18, Sheet 65

N



Site Name:	137-25 Sapphire Street
Address:	13725 78TH ST
City, ST, ZIP:	Howard Beach, NY 11414
Client:	GZA GeoEnvironmental, Inc.
EDR Inquiry:	7765872.3
Order Date:	09/17/2024
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Copyright	1993

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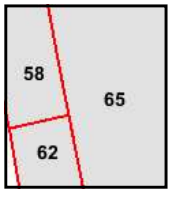
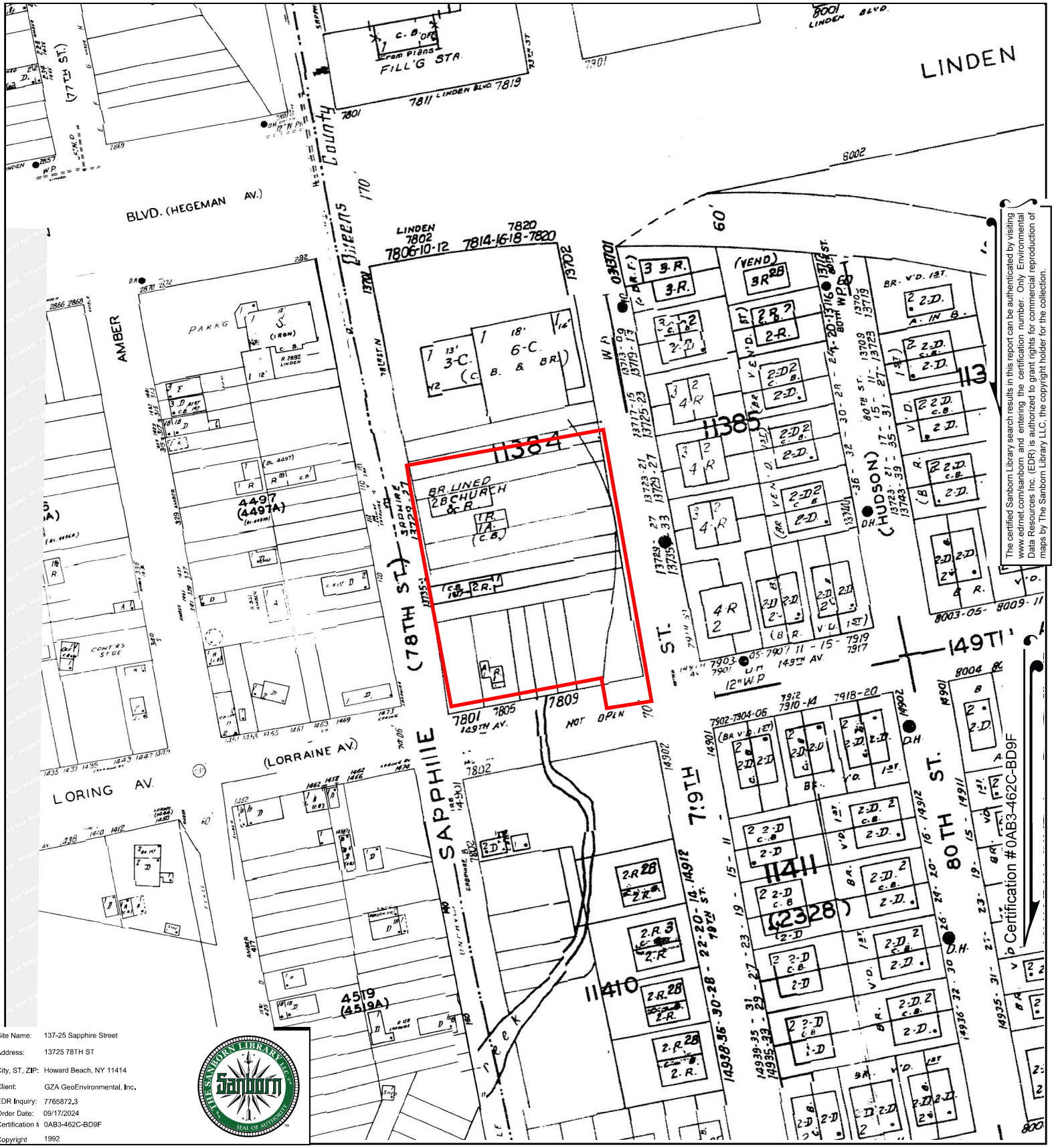


Volume 8, Sheet 62
Volume 18, Sheet 65
Volume 8, Sheet 58

N



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Copyright	1992

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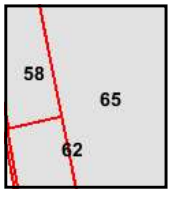

Volume 18, Sheet 65
Volume 8, Sheet 58
Volume 8, Sheet 62
Volume 8, Sheet 62

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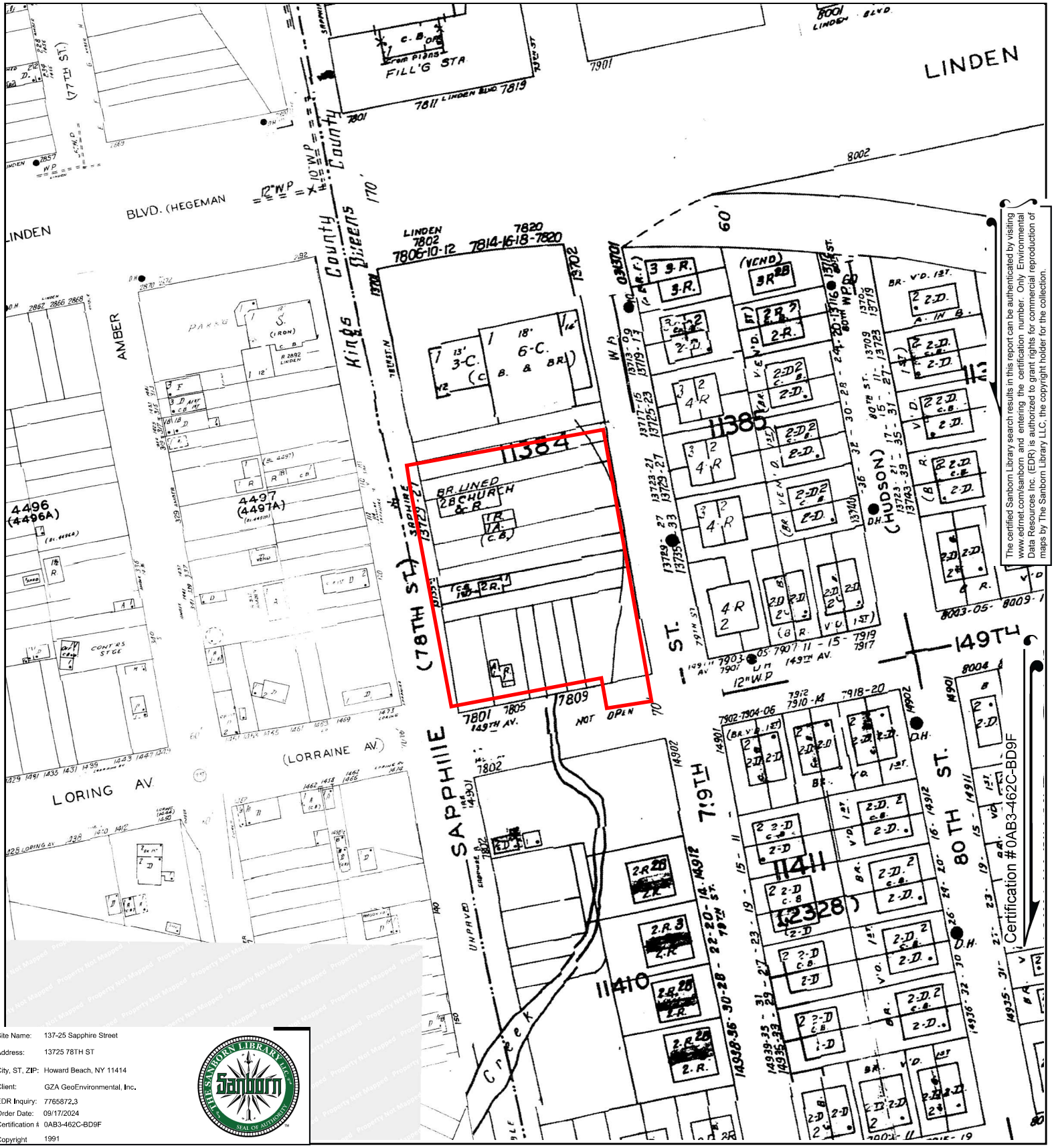

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Order Date:	09/17/2024
Certification #:	0AB3-462C-BD9F
Copyright	1991

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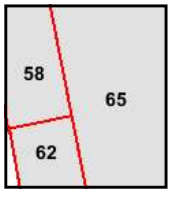

Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65

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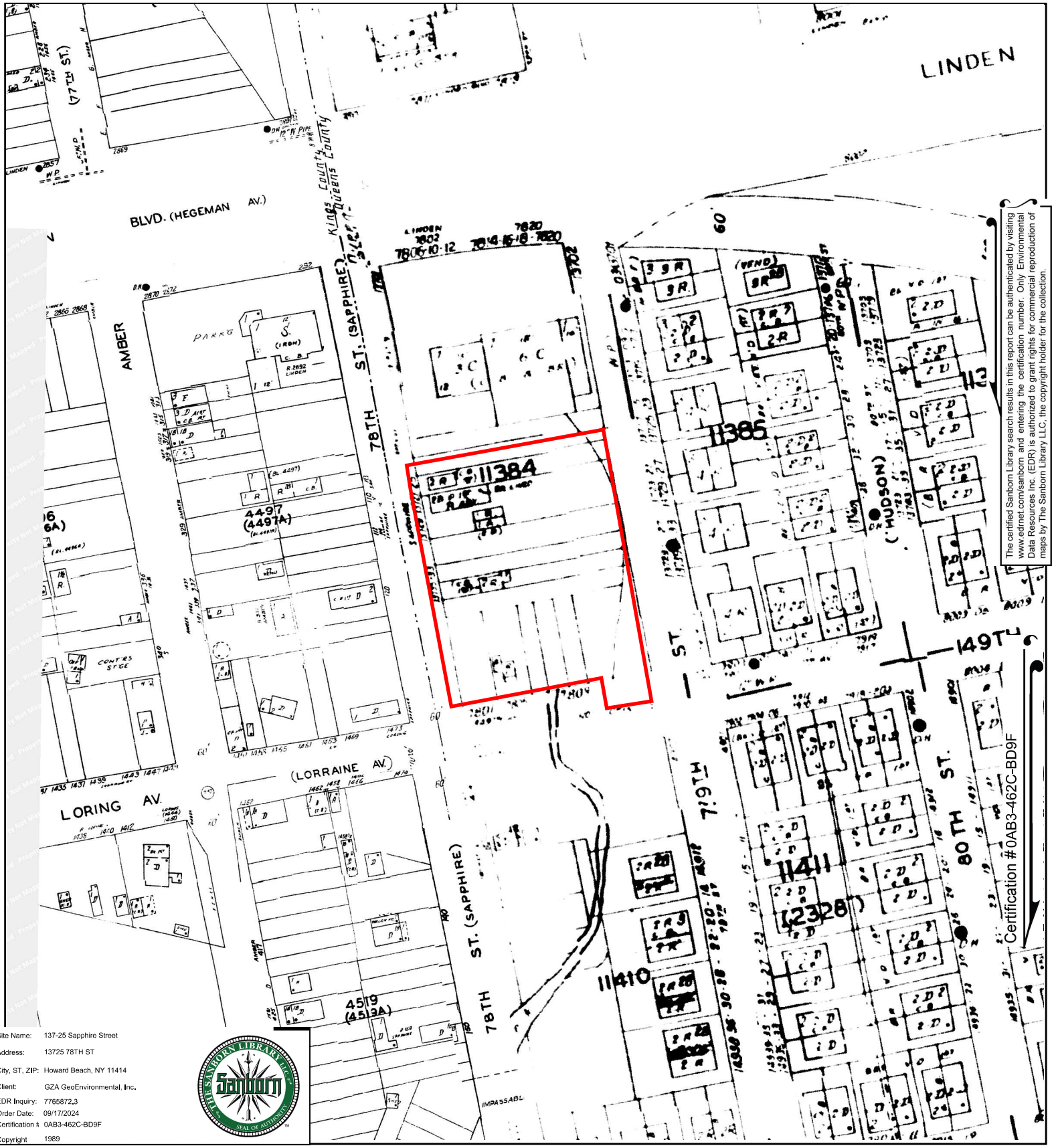

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Certification #: 0AB3-462C-BD9F
Copyright 1989

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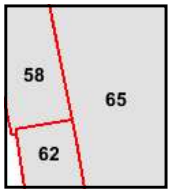

Volume 8, Sheet 58
Volume 18, Sheet 65
Volume 8, Sheet 62

N



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Certification #: 0AB3-462C-BD9F
Copyright: 1988

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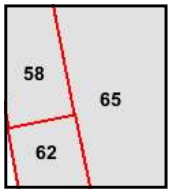

Volume 8, Sheet 58
Volume 8, Sheet 62
Volume 18, Sheet 65

0 Feet 150 300 600

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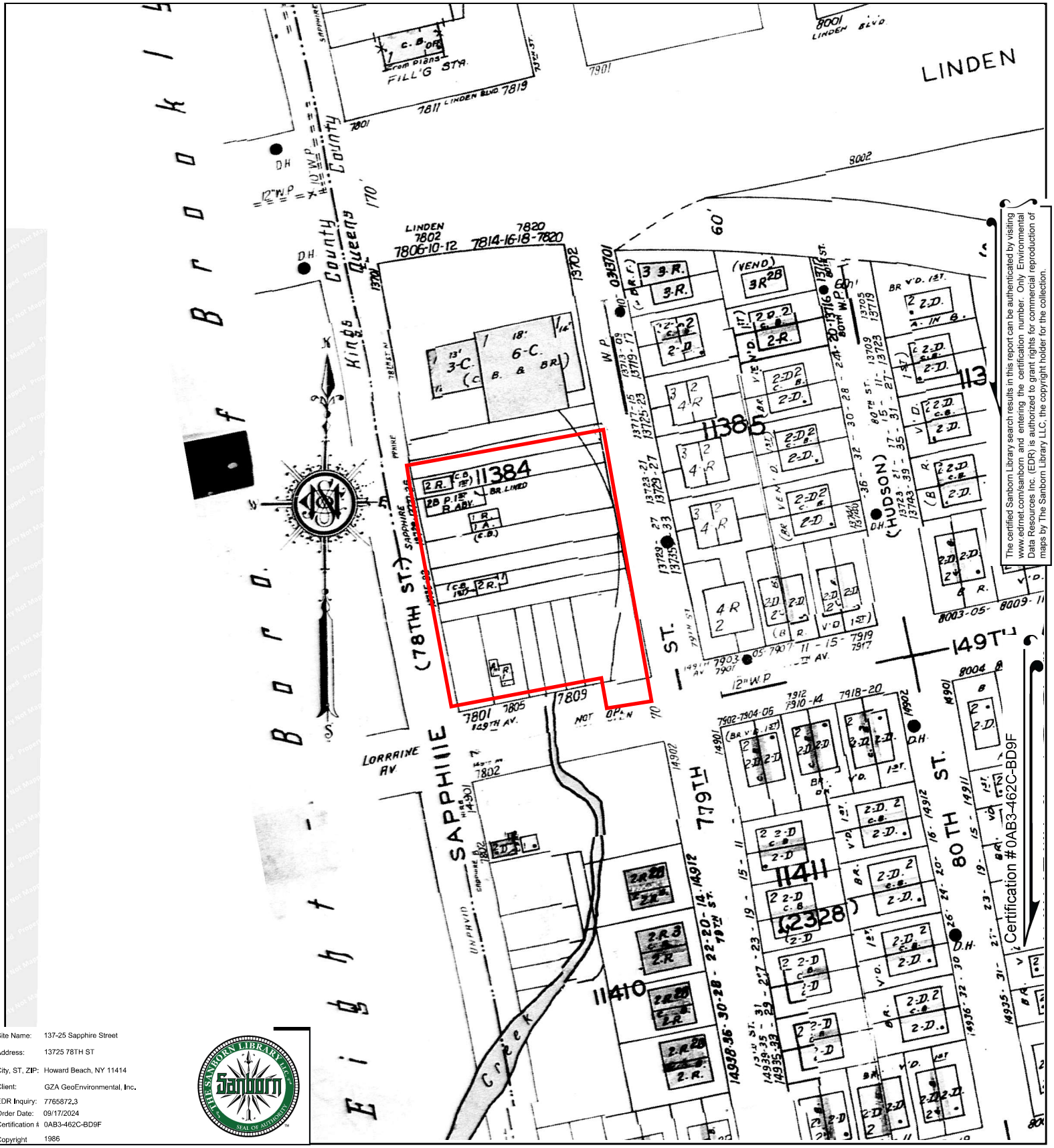

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Certification #:	0AB3-462C-BD9F
Copyright	1986

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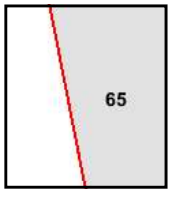

Volume 18, Sheet 65

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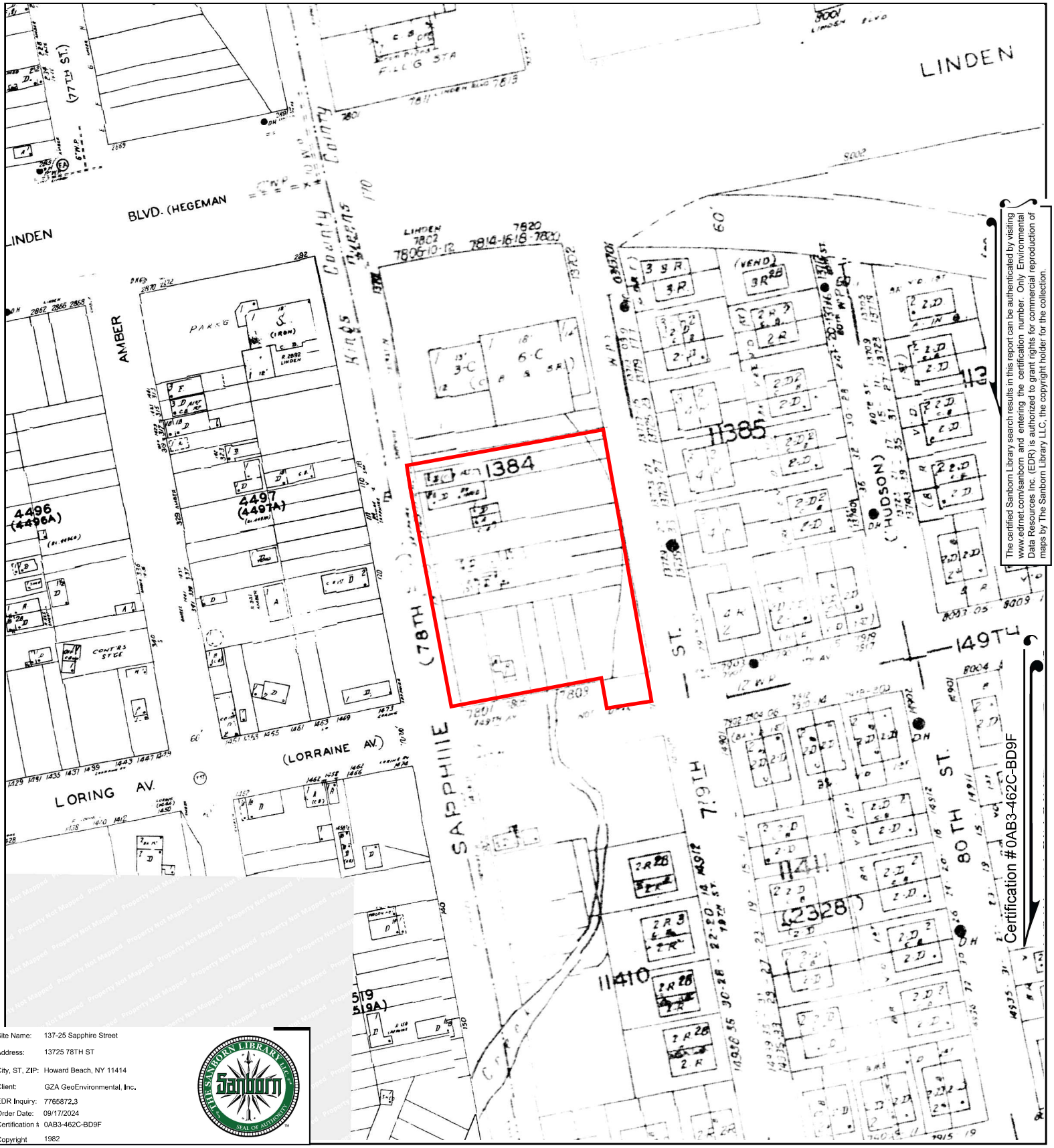

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Copyright 1982

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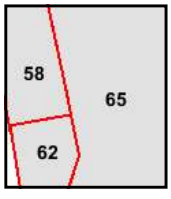
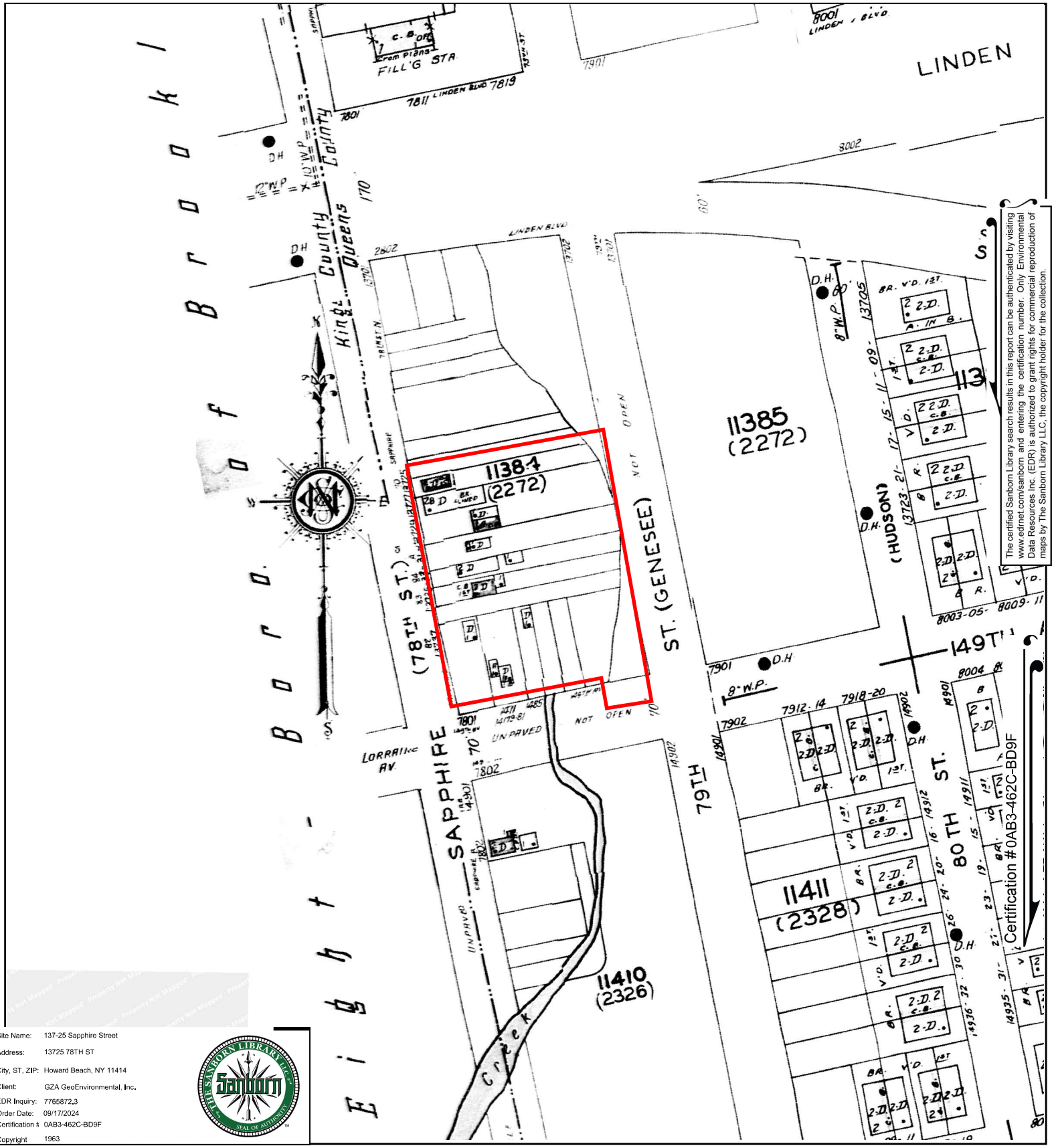


Volume 8, Sheet 62
Volume 8, Sheet 58
Volume 18, Sheet 65

N



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Certification #	0AB3-462C-BD9F
Copyright	1963

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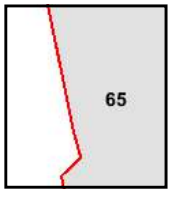
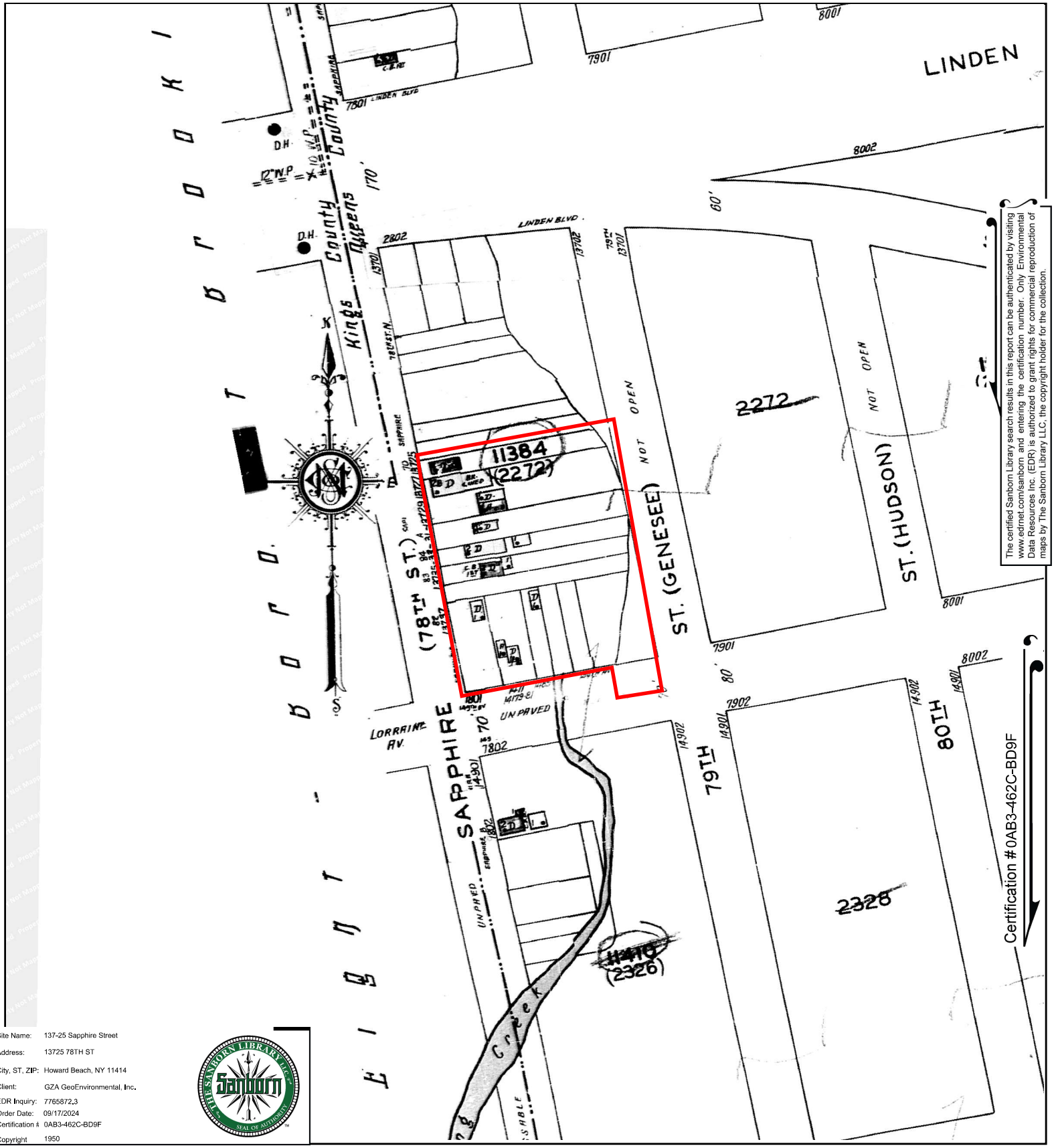


Volume 18, Sheet 65



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Order Date: 09/17/2024
Certification #: 0AB3-462C-BD9F
Copyright: 1950

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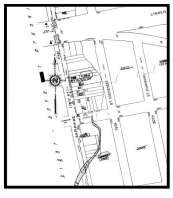

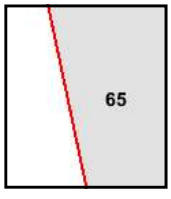

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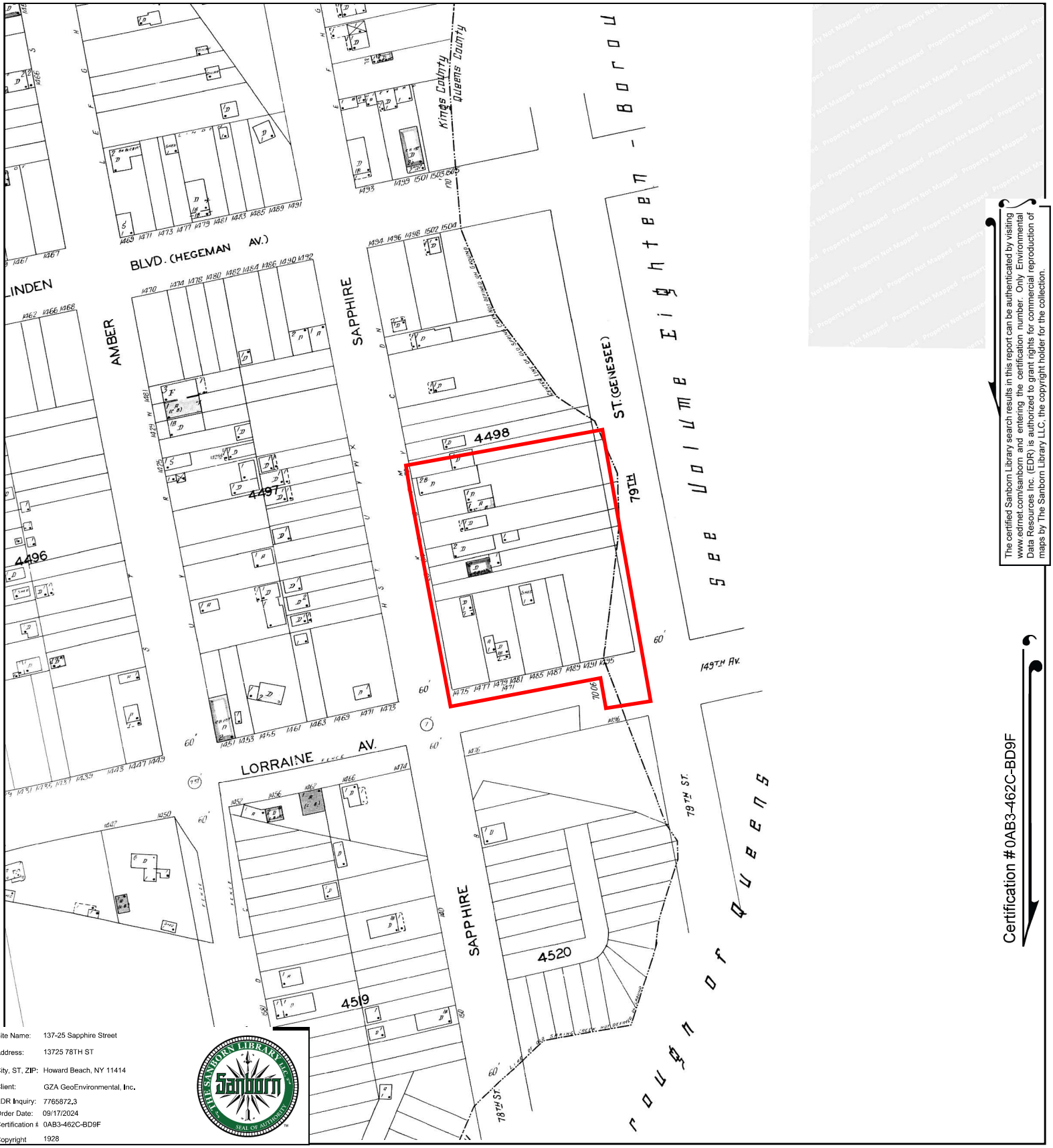

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Certification #	0AB3-462C-BD9F
Copyright	1928

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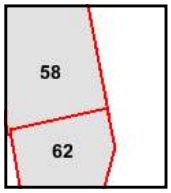

Volume 8, Sheet 62
Volume 8, Sheet 58

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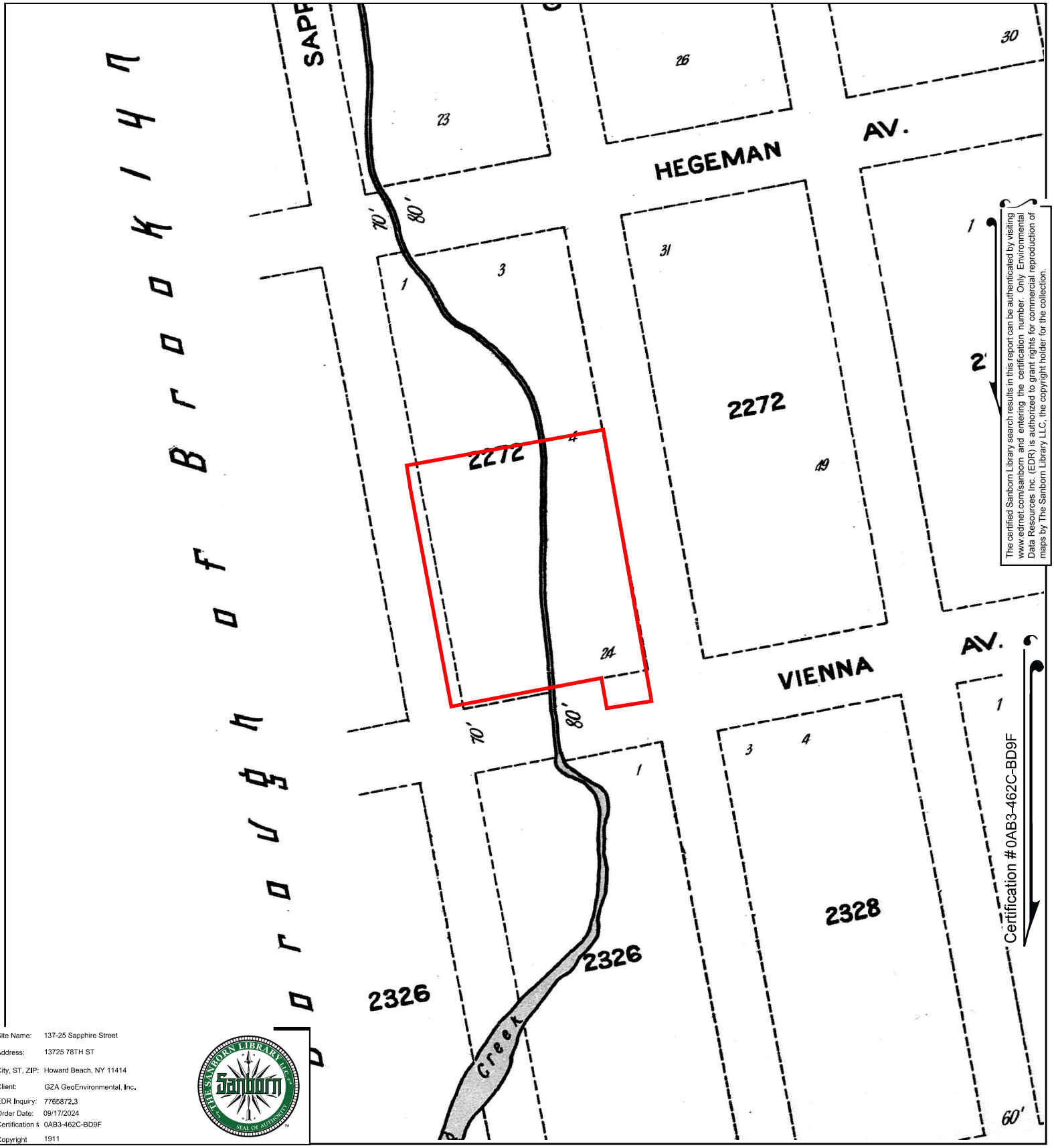

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Certification #: 0AB3-462C-BD9F
Copyright 1911

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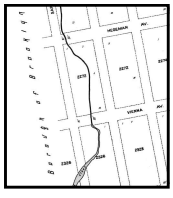
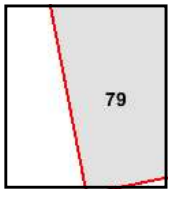
Volume 4, Sheet 79





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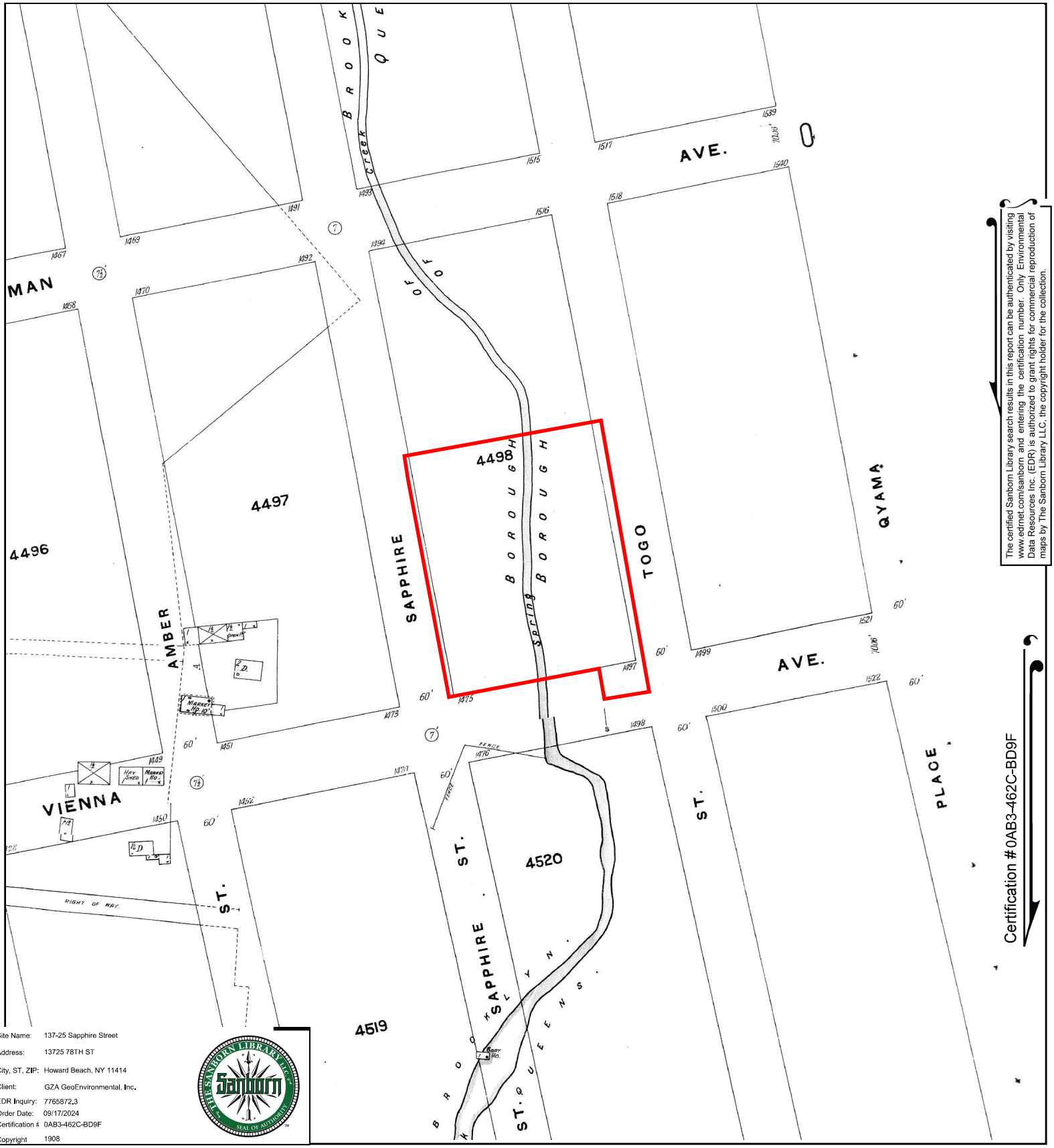

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City, ST, ZIP: Howard Beach, NY 11414
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EDR Inquiry: 7765872.3
Order Date: 09/17/2024
Certification #: 0AB3-462C-BD9F
Copyright: 1908

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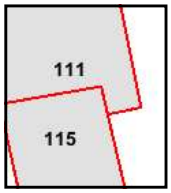

Volume 8, Sheet 115
Volume 8, Sheet 111

N

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414

Inquiry Number: 7765872.4
September 17, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/17/24

Site Name:

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414
EDR Inquiry # 7765872.4

Client Name:

GZA GeoEnvironmental, Inc.
55 Lane Road
Fairfield, NJ 07004
Contact: Vicki Curran

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Search Results:

P.O.# 12.0077899
Project: 135-27 Sapphire Street

Coordinates:

Latitude:	40.669419 40° 40' 10" North
Longitude:	-73.856589 -73° 51' 24" West
UTM Zone:	Zone 18 North
UTM X Meters:	596642.45
UTM Y Meters:	4502688.97
Elevation:	5.00' above sea level

Maps Provided:

2019
2016
2013
1994, 1995
1979
1966, 1967
1956, 1957
1947
1900
1898
1897

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Topo Sheet Key

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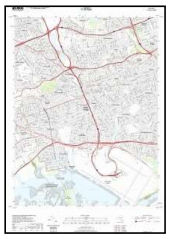
2019 Source Sheets

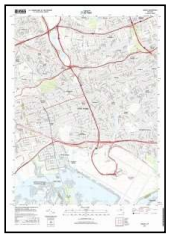


Jamaica
2019
7.5-minute, 24000

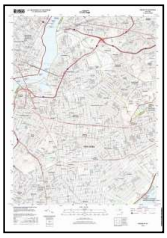


Brooklyn
2019
7.5-minute, 24000

2016 Source Sheets

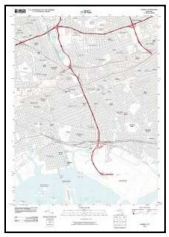


Jamaica
2016
7.5-minute, 24000



Brooklyn
2016
7.5-minute, 24000

2013 Source Sheets



Jamaica
2013
7.5-minute, 24000



Brooklyn
2013
7.5-minute, 24000

1994, 1995 Source Sheets



Jamaica
1994
7.5-minute, 24000



Brooklyn
1995
7.5-minute, 24000
Aerial Photo Revised 1977

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1979 Source Sheets



Jamaica
1979
7.5-minute, 24000
Aerial Photo Revised 1977



Brooklyn
1979
7.5-minute, 24000
Aerial Photo Revised 1977

1966, 1967 Source Sheets



Jamaica
1966
7.5-minute, 24000
Aerial Photo Revised 1953



Brooklyn
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1956, 1957 Source Sheets



Brooklyn
1956
7.5-minute, 24000



Jamaica
1957
7.5-minute, 24000
Aerial Photo Revised 1957

1947 Source Sheets



Brooklyn
1947
7.5-minute, 24000
Aerial Photo Revised 1940



Jamaica
1947
7.5-minute, 24000
Aerial Photo Revised 1941

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1900 Source Sheets



Brooklyn
1900
15-minute, 62500

1898 Source Sheets

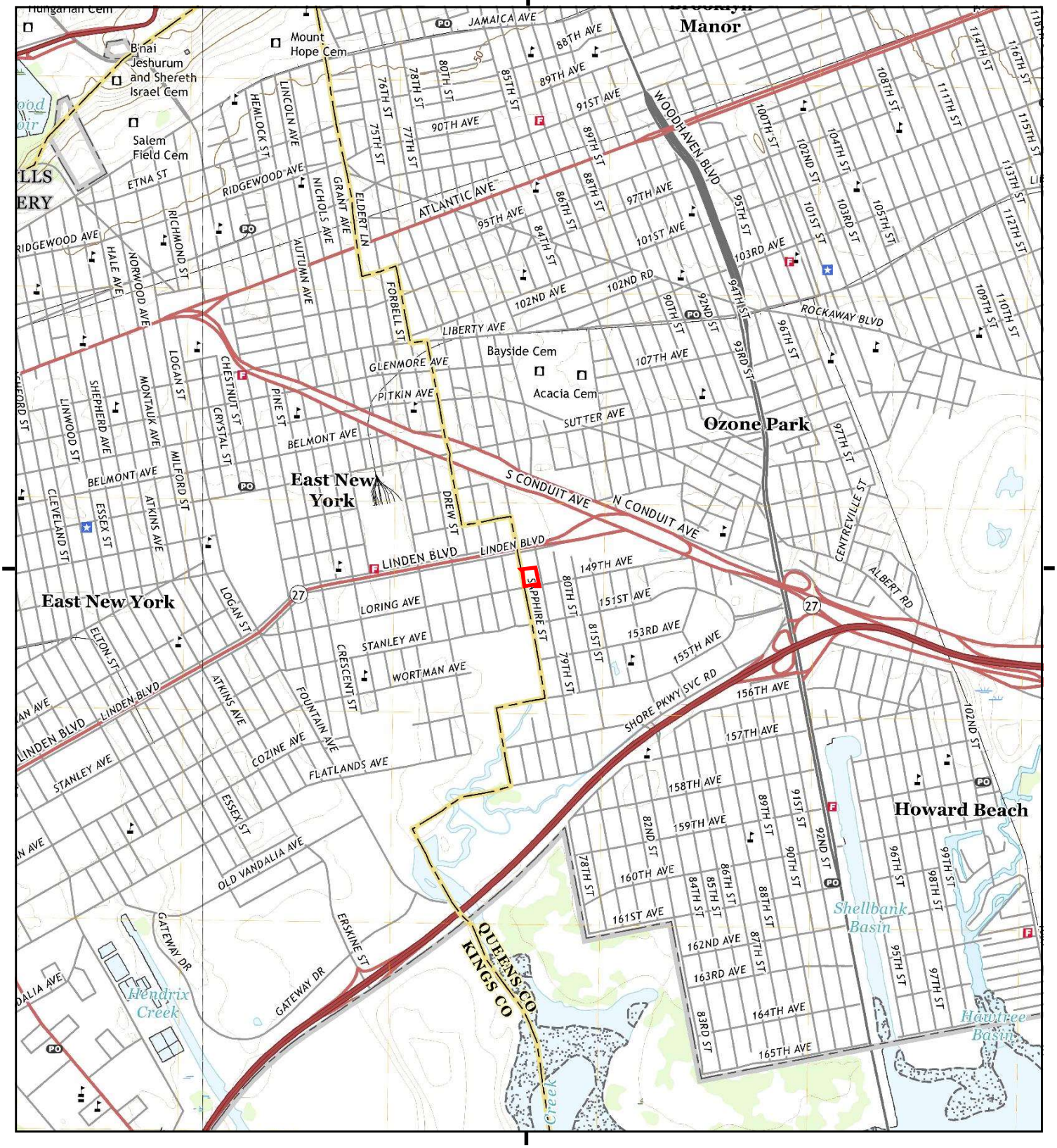


Brooklyn
1898
15-minute, 62500

1897 Source Sheets



Brooklyn
1897
15-minute, 62500



This report includes information from the following map sheet(s).

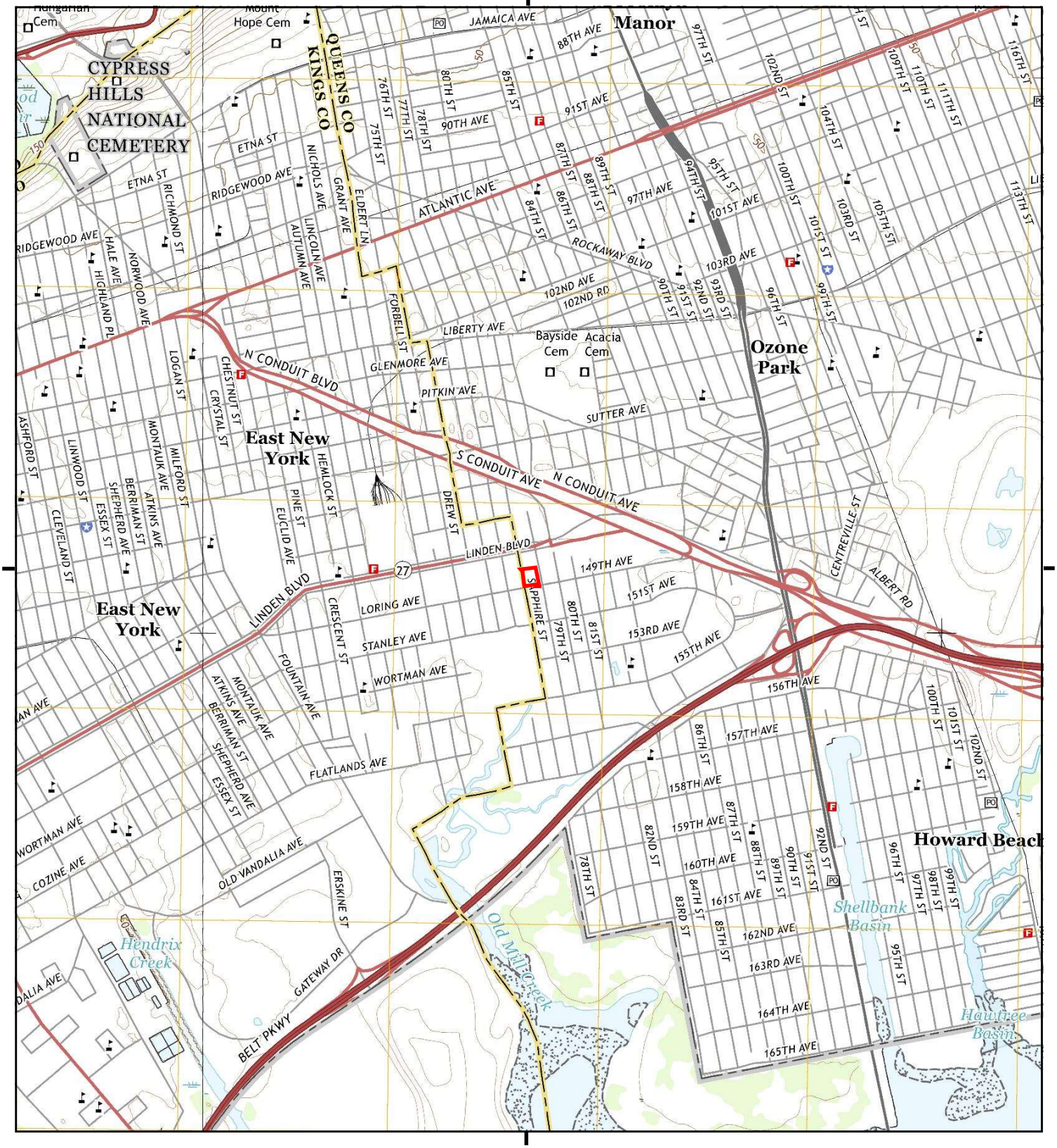
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jamaica, 2019, 7.5-minute
W, Brooklyn, 2019, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

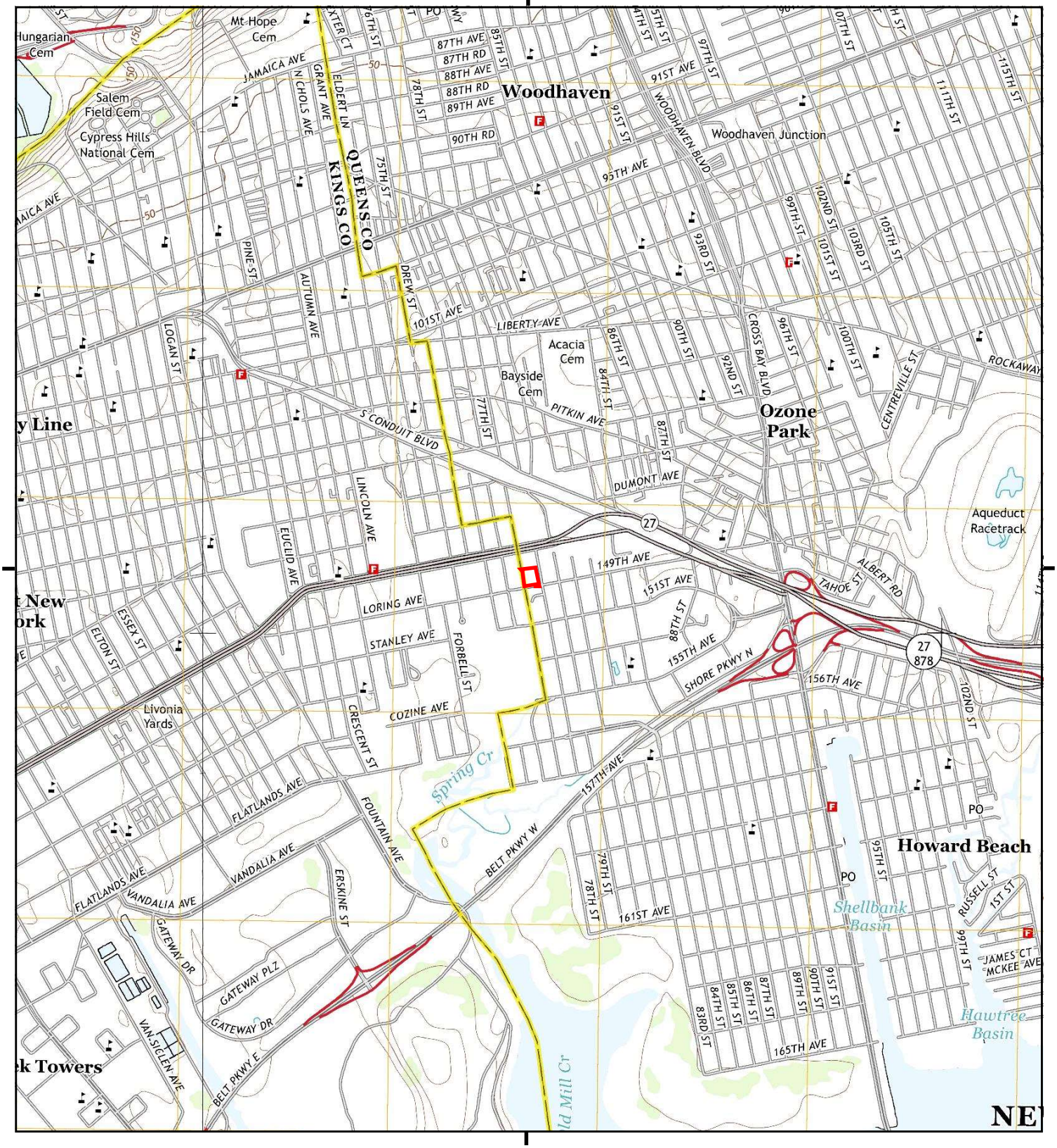
TP, Jamaica, 2016, 7.5-minute
W, Brooklyn, 2016, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N

Historical Topo Map

2013



This report includes information from the following map sheet(s).

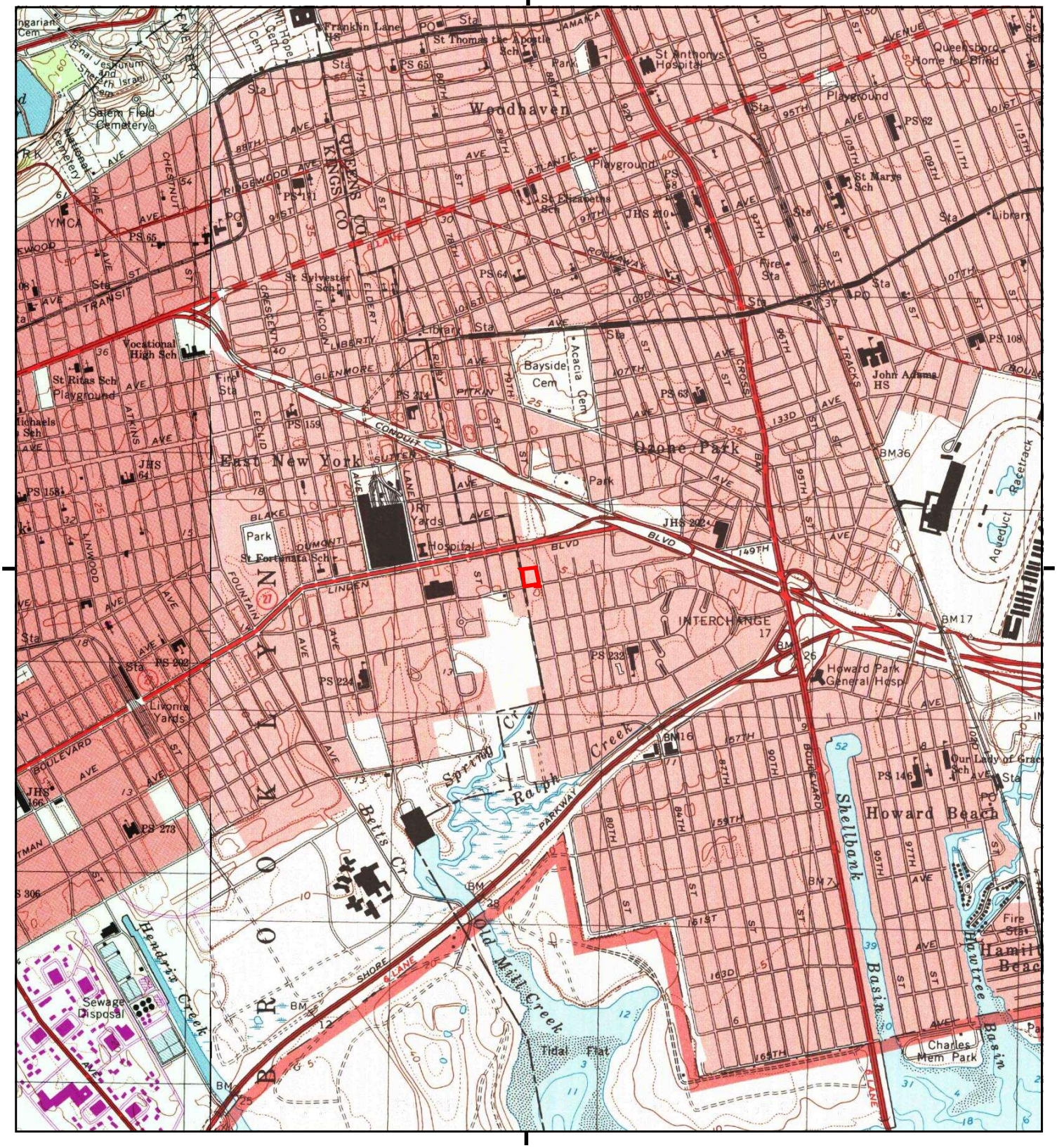
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jamaica, 2013, 7.5-minute
W, Brooklyn, 2013, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

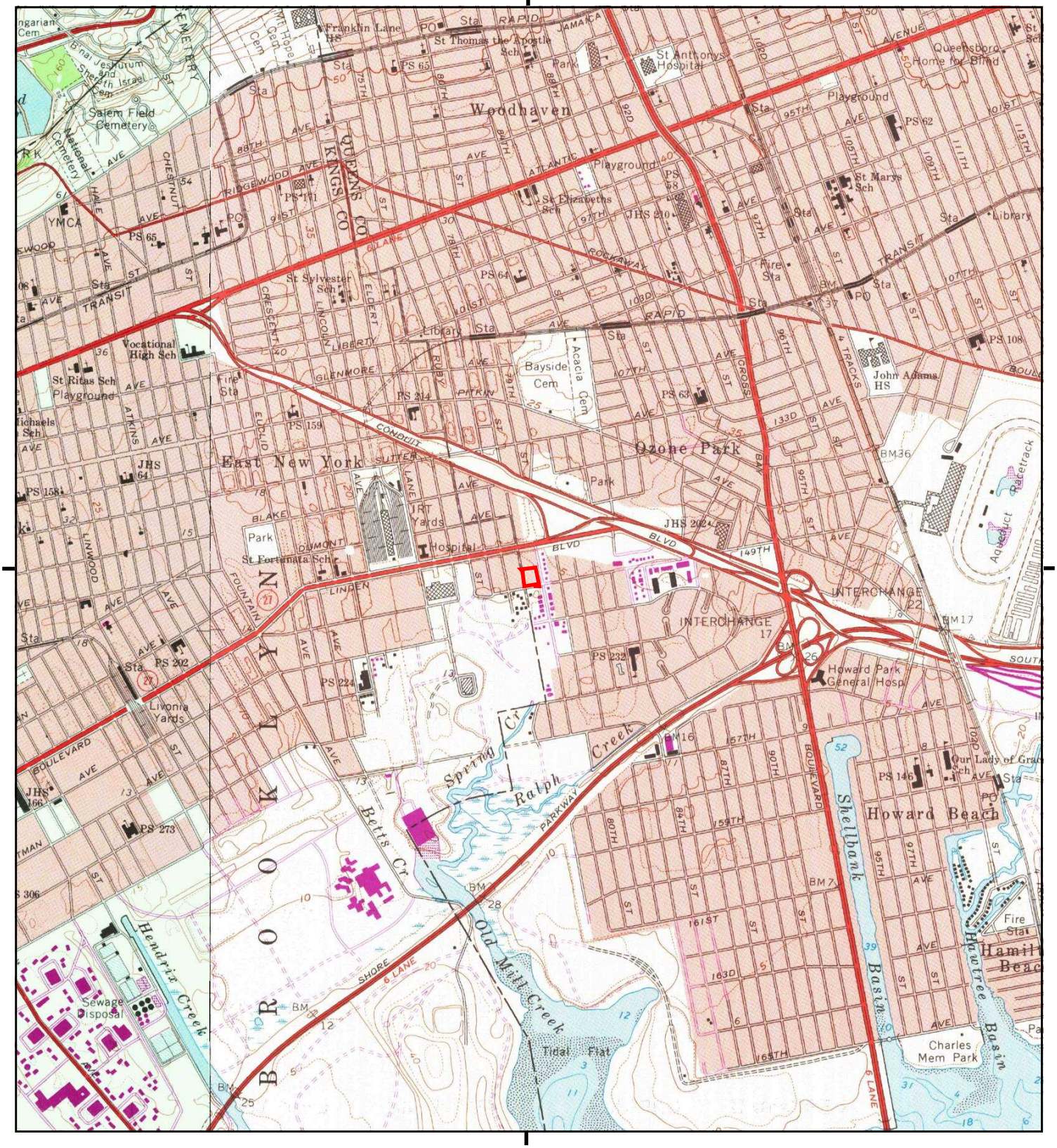
TP, Jamaica, 1994, 7.5-minute
W, Brooklyn, 1995, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N

Historical Topo Map

1979



This report includes information from the following map sheet(s).

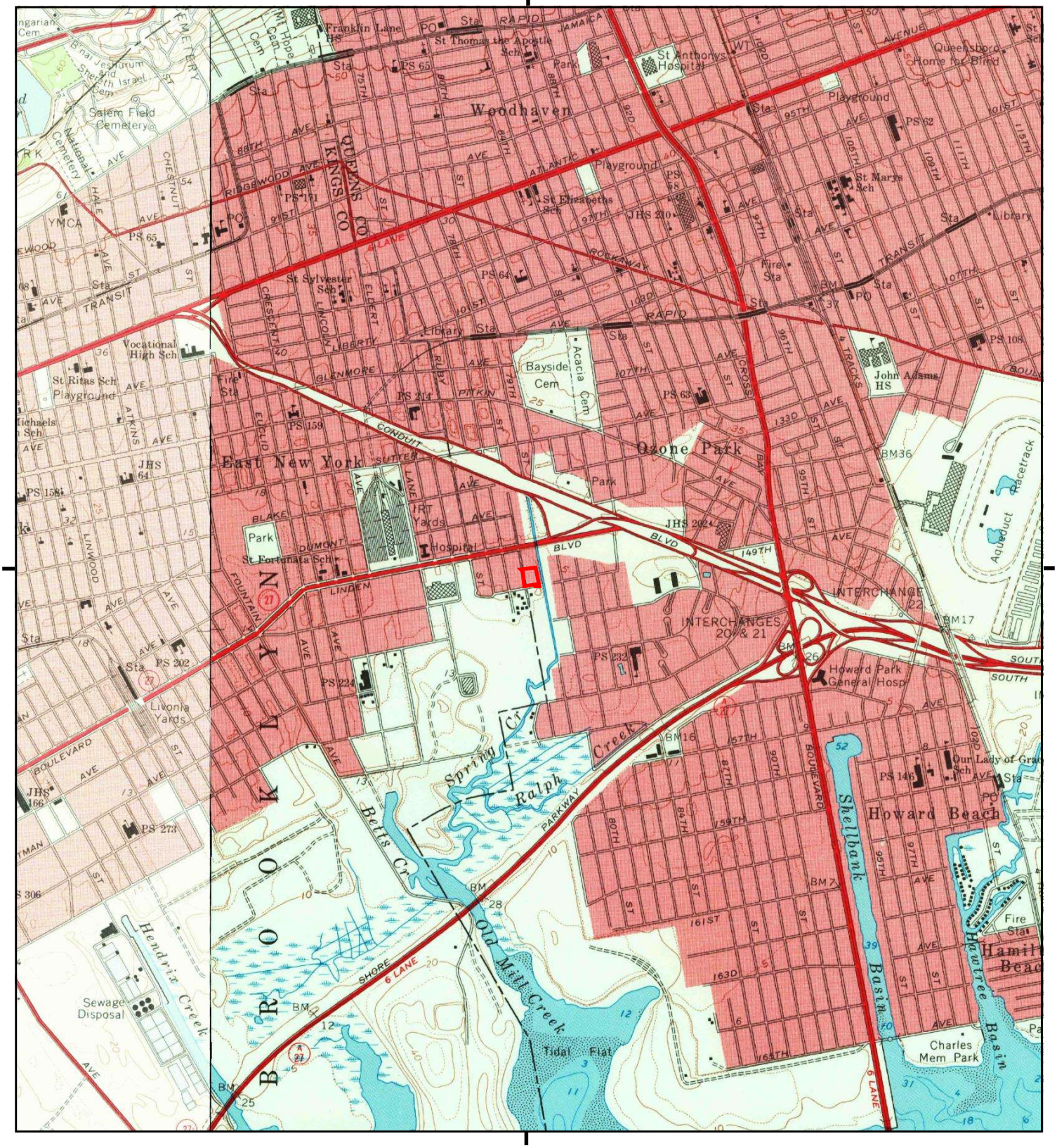
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jamaica, 1979, 7.5-minute
W, Brooklyn, 1979, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

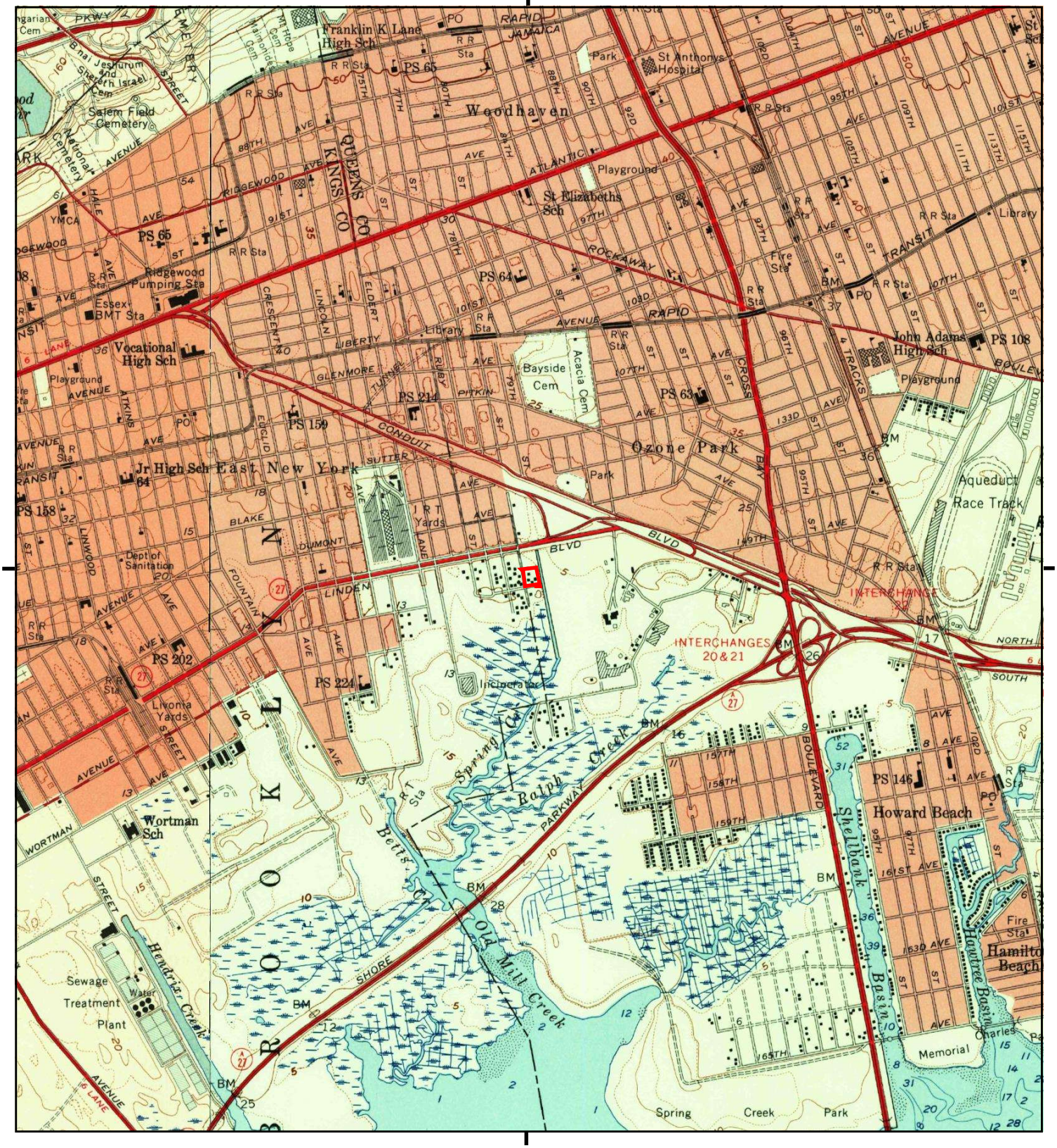
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jamaica, 1966, 7.5-minute
W, Brooklyn, 1967, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



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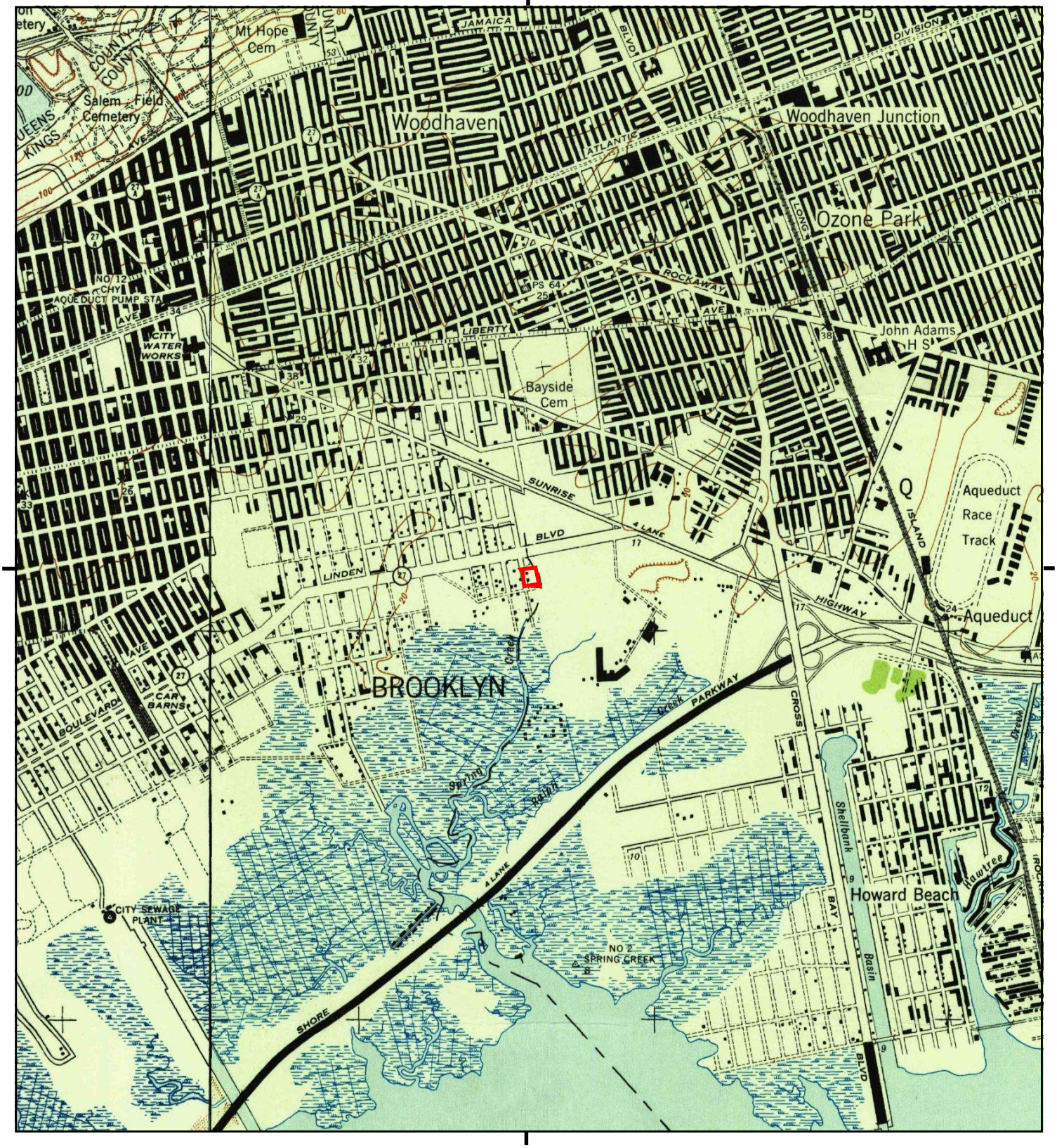
NW N NE
W E
SW S SE

TP, Jamaica, 1957, 7.5-minute
W, Brooklyn, 1956, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

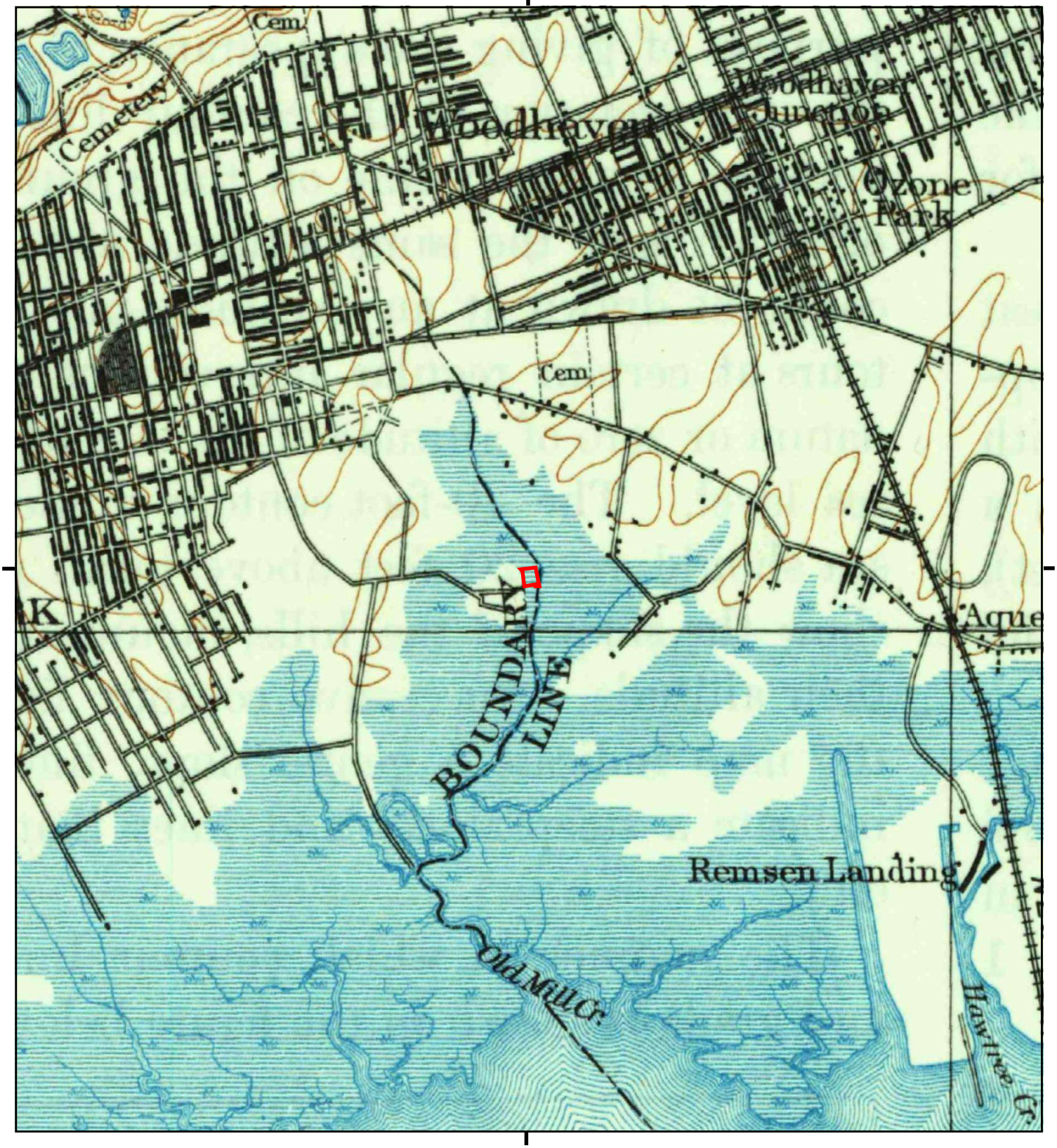
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jamaica, 1947, 7.5-minute
W, Brooklyn, 1947, 7.5-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

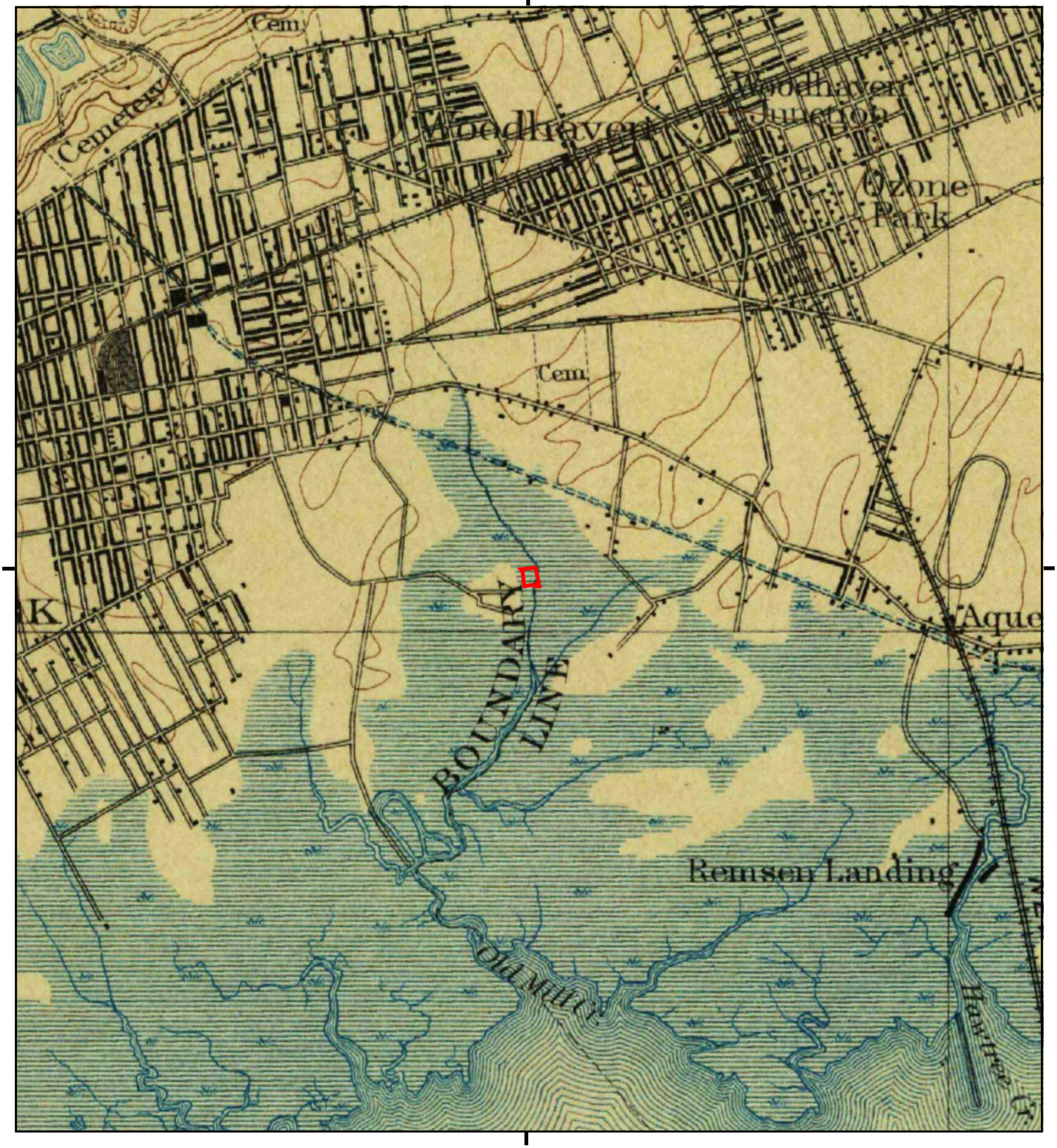
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1900, 15-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

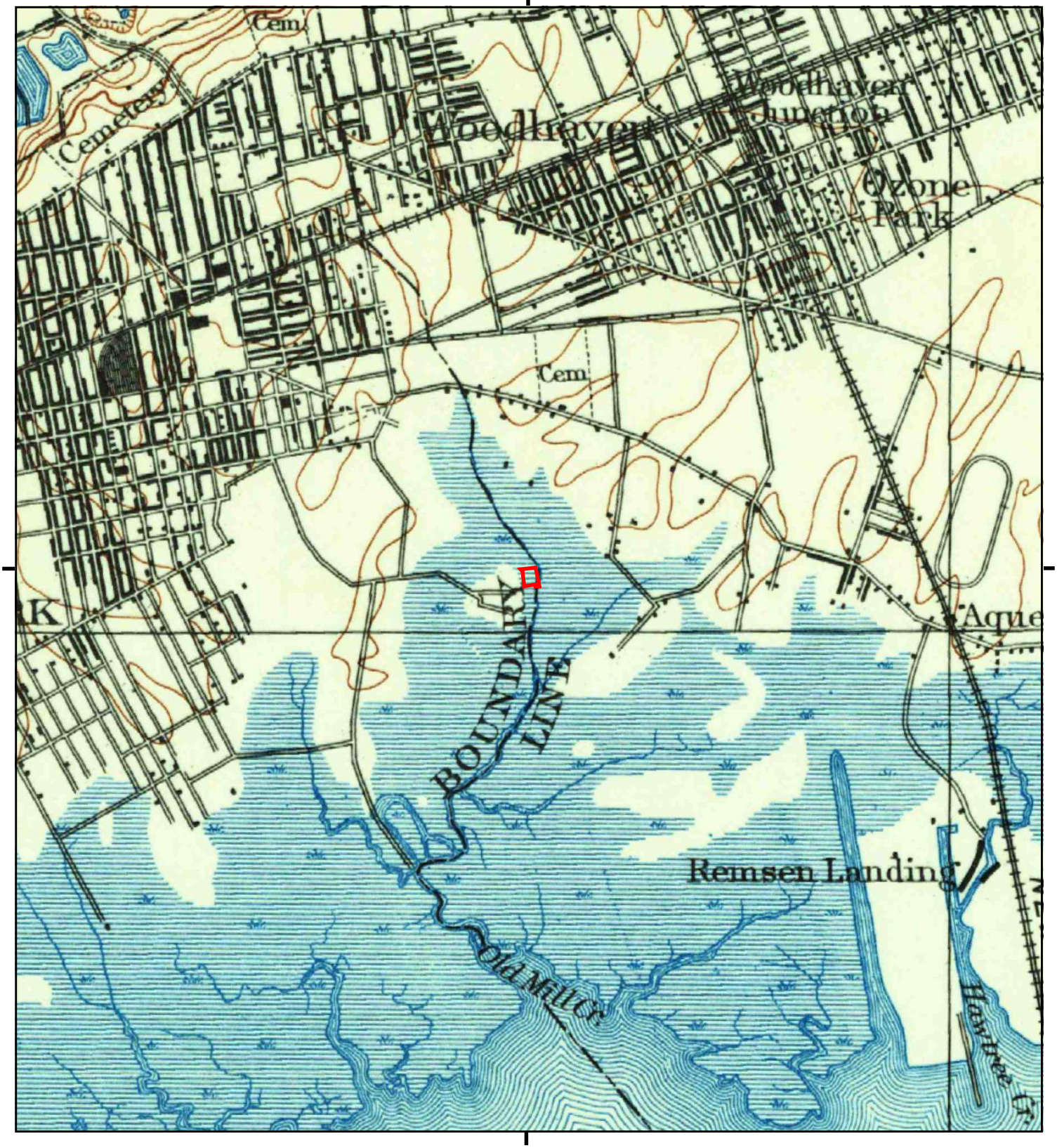
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1898, 15-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1897, 15-minute

SITE NAME: 137-25 Sapphire Street
ADDRESS: 13725 78TH ST
Howard Beach, NY 11414
CLIENT: GZA GeoEnvironmental, Inc.

N

Appendix D - Third-Party Database Report

137-25 Sapphire Street
13725 78TH ST
Howard Beach, NY 11414

Inquiry Number: 7765872.2s
September 17, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	211
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

13725 78TH ST
HOWARD BEACH, NY 11414

COORDINATES

Latitude (North):	40.6694190 - 40° 40' 9.90''
Longitude (West):	73.8565890 - 73° 51' 23.72''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	596645.0
UTM Y (Meters):	4502477.5
Elevation:	5 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14105978 JAMAICA, NY
Version Date:	2019
West Map:	14115940 BROOKLYN, NY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20190830, 20190809
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
13725 78TH ST
HOWARD BEACH, NY 11414

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	GRASSY AREA	78-09 149TH AVE	NY Spills	Higher	1 ft.
A2	PRIVATE RESD	1458 LORING AVE	NY Spills	Higher	182, 0.034, SSW
B3	ONE STOP/JEN-ANN DRY	78-16(12) LINDEN BLV	NY DRYCLEANERS	Lower	206, 0.039, North
B4	LINDEN GETTY SERVICE	7810 LINDEN BLVD	EDR Hist Auto	Lower	210, 0.040, North
B5	WALGREENS	7814 LINDEN BLVD	E MANIFEST	Lower	210, 0.040, North
B6	RITE AID #04693	78-14 LINDEN BLVD	PA MANIFEST	Lower	210, 0.040, North
B7	DBA RITE AID #04693	LINDEN BLVD	RCRA-VSQG, E MANIFEST	Lower	210, 0.040, North
B8	WALGREENS	78-14 LINDEN BLVD	NY MANIFEST	Lower	210, 0.040, North
B9	JEN ANN CLEANERS INC	78-16 LINDEN BLVD	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	210, 0.040, North
B10	JEN-ANN FRENCH DRY C	7816 LINDEN BLVD	EDR Hist Cleaner	Lower	210, 0.040, North
C11	OPEN YARD	333 AMBER ST	NY Spills	Higher	233, 0.044, WSW
C12	329 AMBER STREET	329 AMBER STREET	NY SHWS	Higher	234, 0.044, WSW
C13	HERTIAGE GOLD MINE M	315 AMBER ST	EDR Hist Auto	Higher	248, 0.047, WNW
D14	CON EDISON	149-22 79TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	270, 0.051, SSE
D15	CON EDISON	149-22 79TH ST	NY MANIFEST	Lower	270, 0.051, SSE
D16	CON EDISON	149-22 79TH ST	NJ MANIFEST	Lower	270, 0.051, SSE
B17	78-15 LINDEN BOULEVA	78-15 LINDEN BLVD	NY NYC OER	Higher	322, 0.061, NNW
D18	SPILL NUMBER 0212292	150-15 79TH AVE	NY LTANKS	Lower	325, 0.062, SSE
A19	LOT 27,TAXBLOCK 4496	1449 LORING AVENUE	NY E DESIGNATION	Higher	331, 0.063, SW
C20	LOT 18,TAXBLOCK 4496	336 AMBER STREET	NY E DESIGNATION	Higher	348, 0.066, WSW
C21	LOT 48,TAXBLOCK 4496	EMERALD STREET	NY E DESIGNATION	Higher	362, 0.069, WSW
C22	LOT 1,TAXBLOCK 4496	LINDEN BOULEVARD	NY E DESIGNATION	Higher	411, 0.078, WSW
B23	J & A SERVICE STATIO	78-01 LINDEN BLV	EDR Hist Auto	Higher	427, 0.081, NNW
B24	GETTY GAS STATION	78-01 LINDEN BOULEVA	NY AST	Higher	427, 0.081, NNW
B25	GETTY GAS STATION #5	78 -01 LINDEN BLVD	NY Spills	Higher	427, 0.081, NNW
B26	GETTY GAS STATION	78-01 LINDEN BOULEVA	NY UST	Higher	427, 0.081, NNW
B27	GETTY S/S #58605 - G	78-01 LINDEN BLVD	NY LTANKS, NY Spills	Higher	427, 0.081, NNW
E28	LOT 29,TAXBLOCK 4496	LORING AVENUE	NY E DESIGNATION	Higher	441, 0.084, West
B29	LOT 23,TAXBLOCK 1137	78-15 LINDEN BOULEVA	NY E DESIGNATION, NY NYC LAND USE	Higher	445, 0.084, North
C30	LOT 42,TAXBLOCK 4496	563 EMERALD STREET	NY E DESIGNATION	Higher	486, 0.092, WSW
C31	LOT 39,TAXBLOCK 4496	561 EMERALD STREET	NY E DESIGNATION	Higher	487, 0.092, WSW
F32	LOT 15,TAXBLOCK 4496	573 EMERALD STREET	NY E DESIGNATION, NY NYC OER, NY NYC LAND USE	Higher	503, 0.095, WSW
G33	CON EDISON - MANHOLE	79-05 151 AVE	NJ MANIFEST	Lower	519, 0.098, SSE
G34	CON EDISON - MANHOLE	79-05 151 AVE	RCRA-LQG	Lower	519, 0.098, SSE
G35	CON ED	79-05 151 AVE	NY MANIFEST	Lower	519, 0.098, SSE
F36	DRUM RUN	EMERALD ST & LORING	NY Spills	Higher	553, 0.105, SW
H37	NYCDEP DERTA	135-21 78TH ST	NY MANIFEST	Higher	555, 0.105, NNW
H38	NYCDEP DERTA	135-21 78TH ST	RCRA NonGen / NLR	Higher	555, 0.105, NNW
H39	PRIVATE RESD	13521 78TH ST	NY Spills	Higher	555, 0.105, NNW

MAPPED SITES SUMMARY

Target Property Address:
13725 78TH ST
HOWARD BEACH, NY 11414

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	583 EMERALD STREET -	1427-1449 LORING AVE	NY NYC OER	Higher	559, 0.106, WSW
I41	OPPOSITE	611 EMERALD ST	NY Spills	Higher	565, 0.107, SW
G42	CON EDISON - MANHOLE	79TH ST AND 151 AVE	RCRA-LQG, NY MANIFEST	Lower	570, 0.108, SSE
H43	LOT 41,TAXBLOCK 1137	135-23 SAPPHIRE STRE	NY E DESIGNATION	Higher	575, 0.109, NNW
E44	2846-2868 LINDEN BOU	2846-2868 LINDEN BOU	NY VCP, NY NYC OER	Higher	592, 0.112, West
H45	LOT 43,TAXBLOCK 1137	135-21 SAPPHIRE STRE	NY E DESIGNATION	Higher	612, 0.116, NNW
46	LOT 1,TAXBLOCK 11377	135-25 79 STREET	NY E DESIGNATION, NY NYC LAND USE	Higher	642, 0.122, NNE
G47	CON ED	151 AVE & 80 ST	NY MANIFEST	Lower	645, 0.122, SE
I48	SPRING CREEK (EMERAL	BETWEEN RUBY & EMERA	NY SHWS	Higher	659, 0.125, SW
49	LINDEN CENTER	133-40 79TH STREET	NY NYC OER	Lower	854, 0.162, North
J50	CON EDISON SERVICE B	422 78 ST	RCRA NonGen / NLR	Lower	1002, 0.190, South
J51	CON EDISON	422 78 ST	NY MANIFEST	Lower	1002, 0.190, South
52	CON EDISON	791 DREW ST	NY MANIFEST	Higher	1142, 0.216, WNW
53	NYCDEP	DUMONT & RUBY ST	NY MANIFEST	Higher	1160, 0.220, WNW
K54	SPRING CREEK ASSOCIA	902 DREW ST APT 1	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1219, 0.231, SW
K55	HWANG'S LILY DRY CLE	902 DREW STREET	NY DRYCLEANERS, NY LEAD, NY NYC LAND USE	Lower	1219, 0.231, SW
56	PINK HOUSES	1275 LORING AVE	NY LTANKS	Higher	1528, 0.289, WSW
L57	1490 DUMONT AVENUE	1490 DUMONT AVENUE	NY NYC OER	Higher	1588, 0.301, WNW
L58	BROOKLYN UNITED METH	1485 DUMONT AVE	NY LTANKS	Higher	1714, 0.325, WNW
L59	BROOKLYN UNITED METH	1485 DUMONT AVE	UST FINDER RELEASE	Higher	1714, 0.325, WNW
60	CLOSED-LACKOF RECENT	7910 155 ST	NY LTANKS	Higher	1796, 0.340, SSE
61	SOUTH SHORE INCINERA	BOUNDED BY STANLEY A	NY SWF/LF, NY ILI	Lower	1983, 0.376, SSW
62	PINK HOUSES -NYCHA	1257 LORING AVENUE	NY LTANKS, NY Spills	Higher	2012, 0.381, WSW
63	155-37 81ST ST/	155-37 81ST ST	NY LTANKS	Lower	2065, 0.391, SSE
M64	84-39 153RD STREET	84-39 153RD STREET	NY LTANKS	Higher	2069, 0.392, ESE
M65	84-39 153RD AVE	84-39 153RD ST	NY LTANKS	Higher	2123, 0.402, ESE
66	CLOSED-LACKOF RECENT	151025 88TH STREET	NY LTANKS	Higher	2272, 0.430, ESE
67	CLOSED-LACKOF RECENT	149030 88TH ST	NY LTANKS	Higher	2273, 0.430, East
N68	MORRISSEY RESIDENCE	1484 SUTTER AVE	NY LTANKS	Higher	2290, 0.434, NW
69	CLOSED-LACKOF RECENT	155030 84 ST	NY LTANKS	Higher	2398, 0.454, SE
O70	CLOSED-LACKOF RECENT	81037 156TH AVE	NY LTANKS	Lower	2421, 0.459, SE
O71	APRT HOUSE	81-37 156TH AVE	NY LTANKS	Lower	2421, 0.459, SE
P72	CLOSED-LACKOF RECENT	84-24 155TH AVE	NY LTANKS	Higher	2480, 0.470, SE
N73	SOUTH SHORE INCINERA	308 FORBELL STREET	SEMS-ARCHIVE	Higher	2546, 0.482, NW
74	LINDENWOOD VILLAGE C	153-25 88TH ST	NY LTANKS	Lower	2579, 0.488, ESE
P75	CLOSED-LACKOF RECENT	88-24 155TH AVE	NY LTANKS	Higher	2614, 0.495, SE
76	MAJESTIC CLNRS	740 PINE ST	NY SHWS, NY VCP, NY MANIFEST	Higher	3425, 0.649, WSW
77	1199 SUTTER AVENUE	1199 - 1221 SUTTER A	NY SHWS, NY BROWNFIELDS, NY Spills, NY NYC LAND...	Higher	4693, 0.889, WNW
78	447 EUCLID AVENUE	447 EUCLID AVENUE	NY VCP, NY NYC OER	Higher	4888, 0.926, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

NY HIST LTANKS---------- Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST---------- Underground Storage Tank Listing
NY CBS UST---------- Chemical Bulk Storage Database
NY MOSF UST---------- Major Oil Storage Facilities Database
NY CBS---------- Chemical Bulk Storage Site Listing
NY MOSF---------- Major Oil Storage Facility Site Listing
NY CBS AST---------- Chemical Bulk Storage Database
NY MOSF AST---------- Major Oil Storage Facilities Database
INDIAN UST---------- Underground Storage Tanks on Indian Land
NY TANKS---------- Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL---------- Restrictive Declarations Listing
NY ENG CONTROLS---------- Registry of Engineering Controls
NY INST CONTROL---------- Registry of Institutional Controls

Lists of state and tribal voluntary cleanup sites

INDIAN VCP---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

NY ERP---------- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY---------- Registered Recycling Facility List
NY SWTIRE---------- Registered Waste Tire Storage & Facility List
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands
ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL---------- Delisted National Clandestine Laboratory Register
NY DEL SHWS---------- Delisted Registry Sites
US CDL---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

NY HIST UST---------- Historical Petroleum Bulk Storage Database
NY HIST AST---------- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS---------- Spill Liens Information

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
NY Hist Spills	SPILLS Database
NY SPILLS 90	SPILLS 90 data from FirstSearch
NY SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT

PFAS NPDES---------- Clean Water Act Discharge Monitoring Information
PFAS ECHO---------- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT------ All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC------ Aqueous Foam Related Incidents Listing
BIOSOLIDS---------- ICIS-NPDES Biosolids Facility Data
UST FINDER---------- UST Finder Database
NY PFAS---------- PFAS Contamination Site Location Listing
NY AIRS---------- Air Emissions Data
NY COAL ASH---------- Coal Ash Disposal Site Listing
NY Financial Assurance------ Financial Assurance Information Listing
NY HSWDS---------- Hazardous Substance Waste Disposal Site Inventory
NY SPDES---------- State Pollutant Discharge Elimination System
NY VAPOR REOPENED----- Vapor Intrusion Legacy Site List
NY UIC---------- Underground Injection Control Wells
NY COOLING TOWERS------ Registered Cooling Towers
NY MGP---------- Manufactured Gas Plants Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP---------- EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS---------- Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly

known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/24/2024 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH SHORE INCINERA Site ID: 0203961 EPA Id: NY0001049303	308 FORBELL STREET	NW 1/4 - 1/2 (0.482 mi.)	N73	179

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/03/2024 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004873572	79-05 151 AVE	SSE 0 - 1/8 (0.098 mi.)	G34	103
CON EDISON - MANHOLE EPA ID:: NYP004196036	***79TH ST AND 151 AVE***	***SSE 0 - 1/8 (0.108 mi.)***	***G42***	***114***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/03/2024 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DBA RITE AID #04693 EPA ID:: NYR000186973	***LINDEN BLVD***	***N 0 - 1/8 (0.040 mi.)***	***B7***	***23***

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 08/01/2024 has revealed that there are 4 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
329 AMBER STREET Site Code: 590080	329 AMBER STREET	WSW 0 - 1/8 (0.044 mi.)	C12	69
SPRING CREEK (EMERAL Site Code: 57635	BETWEEN RUBY & EMERA	SW 0 - 1/8 (0.125 mi.)	I48	123
MAJESTIC CLNRS Site Code: 58590 Class Code: Significant threat to the public health or environment - action required.	***740 PINE ST***	***WSW 1/2 - 1 (0.649 mi.)***	***76***	***183***
1199 SUTTER AVENUE Site Code: 434283	***1199 - 1221 SUTTER A***	***WNW 1/2 - 1 (0.889 mi.)***	***77***	***202***

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 03/25/2024 has revealed that there is 1 NY SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTH SHORE INCINERA	***BOUNDED BY STANLEY A***	***SSW 1/4 - 1/2 (0.376 mi.)***	***61***	***146***

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 07/30/2024 has revealed that there are 18 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GETTY S/S #58605 - G Spill Number/Closed Date: 9713656 / 2005-05-12 Site ID: 135298	***78-01 LINDEN BLVD***	***NNW 0 - 1/8 (0.081 mi.)***	***B27***	***88***

Spill Date: 1998-03-10

PINK HOUSES Spill Number/Closed Date: 9109631 / 1995-04-20 Site ID: 122089 Spill Date: 1991-12-10	1275 LORING AVE	WSW 1/4 - 1/2 (0.289 mi.)	56	141
BROOKLYN UNITED METH Spill Number/Closed Date: 0009243 / 2002-02-11 Site ID: 302066 Spill Date: 2000-11-10	1485 DUMONT AVE	WNW 1/4 - 1/2 (0.325 mi.)	L58	143
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8801593 / 2003-03-05 Site ID: 293971 Spill Date: 1988-05-21	7910 155 ST	SSE 1/4 - 1/2 (0.340 mi.)	60	145
PINK HOUSES -NYCHA Spill Number/Closed Date: 9702721 / 2003-02-19 Spill Number/Closed Date: 9009280 / 2005-11-28 Spill Number/Closed Date: 9402160 / 1995-04-20 Spill Number/Closed Date: 9402161 / 2005-11-28 Spill Number/Closed Date: 9408532 / 1997-06-03 **Additional key fields are available in the Map Findings section* Site ID: 309676 Site ID: 120492 Site ID: 120493 Site ID: 120494 Site ID: 120495 **Additional key fields are available in the Map Findings section* Spill Date: 1997-06-03 Spill Date: 1990-11-26 Spill Date: 1992-10-16 Spill Date: 1992-10-06 Spill Date: 1994-09-27 **Additional key fields are available in the Map Findings section*	***1257 LORING AVENUE***	***WSW 1/4 - 1/2 (0.381 mi.)***	***62***	***147***
84-39 153RD STREET Spill Number/Closed Date: 9210964 / 1992-12-22 Site ID: 199876 Spill Date: 1992-12-22	84-39 153RD STREET	ESE 1/4 - 1/2 (0.392 mi.)	M64	166
84-39 153RD AVE Spill Number/Closed Date: 9412049 / 1994-12-09 Site ID: 227749 Spill Date: 1994-12-09	84-39 153RD ST	ESE 1/4 - 1/2 (0.402 mi.)	M65	167
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8903165 / 2003-03-05 Site ID: 132329 Spill Date: 1989-06-23	151025 88TH STREET	ESE 1/4 - 1/2 (0.430 mi.)	66	168
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8710479 / 2003-02-18 Site ID: 239494 Spill Date: 1988-03-15	149030 88TH ST	E 1/4 - 1/2 (0.430 mi.)	67	170
MORRISSEY RESIDENCE Spill Number/Closed Date: 9512231 / 1995-12-29 Site ID: 174143 Spill Date: 1995-12-29	1484 SUTTER AVE	NW 1/4 - 1/2 (0.434 mi.)	N68	171
CLOSED-LACKOF RECENT	155030 84 ST	SE 1/4 - 1/2 (0.454 mi.)	69	172

Spill Number/Closed Date: 8803035 / 2003-03-05
Site ID: 263598
Spill Date: 1988-07-07

CLOSED-LACKOF RECENT — 84-24 155TH AVE — SE 1/4 - 1/2 (0.470 mi.) — P72 — 177
Spill Number/Closed Date: 8805164 / 2003-03-05
Site ID: 158519
Spill Date: 1988-09-14

CLOSED-LACKOF RECENT — 88-24 155TH AVE — SE 1/4 - 1/2 (0.495 mi.) — P75 — 181
Spill Number/Closed Date: 8802467 / 2003-03-05
Site ID: 146845
Spill Date: 1988-06-17

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPILL NUMBER 0212292 Spill Number/Closed Date: 0212292 / 2004-04-30 Site ID: 82313 Spill Date: 2003-03-14	150-15 79TH AVE	SSE 0 - 1/8 (0.062 mi.)	D18	77
155-37 81ST ST/ Spill Number/Closed Date: 8800439 / 1992-09-30 Site ID: 324733 Spill Date: 1988-04-13	155-37 81ST ST	SSE 1/4 - 1/2 (0.391 mi.)	63	165
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8803664 / 2003-02-18 Site ID: 134964 Spill Date: 1988-07-27	81037 156TH AVE	SE 1/4 - 1/2 (0.459 mi.)	O70	174
APRT HOUSE Spill Number/Closed Date: 0601246 / 2006-06-09 Site ID: 363430 Spill Date: 2006-05-02	81-37 156TH AVE	SE 1/4 - 1/2 (0.459 mi.)	O71	175
LINDENWOOD VILLAGE C Spill Number/Closed Date: 1600915 / 2017-01-06 Site ID: 526214 Spill Date: 2016-04-27	153-25 88TH ST	ESE 1/4 - 1/2 (0.488 mi.)	74	180

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there is 1 NY UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GETTY GAS STATION Database: UST, Date of Government Version: 06/17/2024	78-01 LINDEN BOULEVA	NNW 0 - 1/8 (0.081 mi.)	B26	84

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there is 1 NY AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GETTY GAS STATION	78-01 LINDEN BOULEVA	NNW 0 - 1/8 (0.081 mi.)	B24	81
Database: AST, Date of Government Version: 06/17/2024				
Facility Id: 2-326569				

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
2846-2868 LINDEN BOU	***2846-2868 LINDEN BOU***	***W 0 - 1/8 (0.112 mi.)***	***E44***	***119***
Database: VCP NYC, Date of Government Version: 06/03/2024				

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 07/30/2024 has revealed that there are 8 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRASSY AREA	78-09 149TH AVE	0 - 1/8 (0.000 mi.)	1	9
Spill Number/Closed Date: 0603668 / 2006-08-28				
Site ID: 366427				
Spill Date: 2006-07-03				
PRIVATE RESD	1458 LORING AVE	SSW 0 - 1/8 (0.034 mi.)	A2	10
Spill Number/Closed Date: 1301440 / 2013-06-03				
Site ID: 481820				
Spill Date: 2013-05-12				
OPEN YARD	333 AMBER ST	WSW 0 - 1/8 (0.044 mi.)	C11	63
Spill Number/Closed Date: 1801279 / 2021-03-30				
Site ID: 569814				

Spill Date: 2018-05-04				
GETTY GAS STATION #5 Spill Number/Closed Date: 0807169 / 2008-11-24 Site ID: 404496 Spill Date: 2008-09-25	78 -01 LINDEN BLVD	NNW 0 - 1/8 (0.081 mi.)	B25	83
GETTY S/S #58605 - G Spill Number/Closed Date: 9808553 / 2013-06-12 Site ID: 267159 Spill Date: 1998-10-09	***78-01 LINDEN BLVD***	***NNW 0 - 1/8 (0.081 mi.)***	***B27***	***88***
DRUM RUN Spill Number/Closed Date: 0814160 / 2009-04-20 Site ID: 411889 Spill Date: 2009-03-31	EMERALD ST & LORING	SW 0 - 1/8 (0.105 mi.)	F36	106
PRIVATE RESD Spill Number/Closed Date: 1012582 / 2011-10-04 Site ID: 446758 Spill Date: 2011-03-17	13521 78TH ST	NNW 0 - 1/8 (0.105 mi.)	H39	111
OPPOSITE Spill Number/Closed Date: 1311918 / 2014-05-01 Site ID: 492852 Spill Date: 2014-03-21	611 EMERALD ST	SW 0 - 1/8 (0.107 mi.)	I41	113

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/03/2024 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP DERTA EPA ID:: NYP000973667	135-21 78TH ST	NNW 0 - 1/8 (0.105 mi.)	H38	109

Lower Elevation	Address	Direction / Distance	Map ID	Page
JEN ANN CLEANERS INC EPA ID:: NYD095764825	***78-16 LINDEN BLVD***	***N 0 - 1/8 (0.040 mi.)***	***B9***	***48***
CON EDISON EPA ID:: NYP004746210	***149-22 79TH ST***	***SSE 0 - 1/8 (0.051 mi.)***	***D14***	***71***
CON EDISON SERVICE B EPA ID:: NYP004564035	422 78 ST	S 1/8 - 1/4 (0.190 mi.)	J50	126
SPRING CREEK ASSOCIA EPA ID:: NYD982717613	***902 DREW ST APT 1***	***SW 1/8 - 1/4 (0.231 mi.)***	***K54***	***132***

EXECUTIVE SUMMARY

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER RELEASE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BROOKLYN UNITED METH	1485 DUMONT AVE	WNW 1/4 - 1/2 (0.325 mi.)	L59	144

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 07/24/2023 has revealed that there are 2 E MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS	7814 LINDEN BLVD	N 0 - 1/8 (0.040 mi.)	B5	12
DBA RITE AID #04693	***LINDEN BLVD***	***N 0 - 1/8 (0.040 mi.)***	***B7***	***23***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 08/29/2024 has revealed that there are 2 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ONE STOP/JEN-ANN DRY Facility Id: 2-6308-00535	78-16(12) LINDEN BLV	N 0 - 1/8 (0.039 mi.)	B3	11
HWANG'S LILY DRY CLE Facility Id: DROP SHOP	***902 DREW STREET***	***SW 1/8 - 1/4 (0.231 mi.)***	***K55***	***138***

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 05/06/2024 has revealed that there are 12 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 27,TAXBLOCK 4496	1449 LORING AVENUE	SW 0 - 1/8 (0.063 mi.)	A19	78
LOT 18,TAXBLOCK 4496	336 AMBER STREET	WSW 0 - 1/8 (0.066 mi.)	C20	79
LOT 48,TAXBLOCK 4496	EMERALD STREET	WSW 0 - 1/8 (0.069 mi.)	C21	79
LOT 1,TAXBLOCK 4496	LINDEN BOULEVARD	WSW 0 - 1/8 (0.078 mi.)	C22	80
LOT 29,TAXBLOCK 4496	LORING AVENUE	W 0 - 1/8 (0.084 mi.)	E28	96
LOT 23,TAXBLOCK 1137	***78-15 LINDEN BOULEVA***	***N 0 - 1/8 (0.084 mi.)***	***B29***	***97***
LOT 42,TAXBLOCK 4496	563 EMERALD STREET	WSW 0 - 1/8 (0.092 mi.)	C30	99
LOT 39,TAXBLOCK 4496	561 EMERALD STREET	WSW 0 - 1/8 (0.092 mi.)	C31	99
LOT 15,TAXBLOCK 4496	***573 EMERALD STREET***	***WSW 0 - 1/8 (0.095 mi.)***	***F32***	***100***
LOT 41,TAXBLOCK 1137	135-23 SAPPHIRE STRE	NNW 0 - 1/8 (0.109 mi.)	H43	118

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 43,TAXBLOCK 1137	135-21 SAPPHIRE STRE	NNW 0 - 1/8 (0.116 mi.)	H45	120
LOT 1,TAXBLOCK 11377	***135-25 79 STREET***	***NNE 0 - 1/8 (0.122 mi.)***	***46***	***120***

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2019 has revealed that there are 11 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP DERTA EPA ID: NYP000973667	135-21 78TH ST	NNW 0 - 1/8 (0.105 mi.)	H37	107
CON EDISON EPA ID: NYP004648283	791 DREW ST	WNW 1/8 - 1/4 (0.216 mi.)	52	130
NYCDEP EPA ID: NYP000776401	DUMONT & RUBY ST	WNW 1/8 - 1/4 (0.220 mi.)	53	131

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS EPA ID: NYR000186973	78-14 LINDEN BLVD	N 0 - 1/8 (0.040 mi.)	B8	39
JEN ANN CLEANERS INC EPA ID: NYD095764825	***78-16 LINDEN BLVD***	***N 0 - 1/8 (0.040 mi.)***	***B9***	***48***
CON EDISON EPA ID: NYP004746210	149-22 79TH ST	SSE 0 - 1/8 (0.051 mi.)	D15	74
CON ED EPA ID: NYP004873572	79-05 151 AVE	SSE 0 - 1/8 (0.098 mi.)	G35	106
CON EDISON - MANHOLE EPA ID: NYP004196036	***79TH ST AND 151 AVE***	***SSE 0 - 1/8 (0.108 mi.)***	***G42***	***114***
CON ED EPA ID: NYP004897682	151 AVE & 80 ST	SE 0 - 1/8 (0.122 mi.)	G47	122
CON EDISON EPA ID: NYP004564035	422 78 ST	S 1/8 - 1/4 (0.190 mi.)	J51	128
SPRING CREEK ASSOCIA EPA ID: NYD982717613	***902 DREW ST APT 1***	***SW 1/8 - 1/4 (0.231 mi.)***	***K54***	***132***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 2 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004746210	149-22 79TH ST	SSE 0 - 1/8 (0.051 mi.)	D16	75
CON EDISON - MANHOLE	79-05 151 AVE	SSE 0 - 1/8 (0.098 mi.)	G33	102

EPA Id: NYP004873572

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RITE AID #04693 Generator EPA Id: NYR000186973	78-14 LINDEN BLVD	N 0 - 1/8 (0.040 mi.)	B6	22

NY ILI: A solid waste site priority list of mitigation and remedial activities to address sites causing, or substantially contributing to, impairments of drinking water quality. Inactive solid waste disposal sites, primarily landfills, and their potential impact on New York?s drinking water resources from site-related contaminants, with a focus on emerging contaminants.

A review of the NY ILI list, as provided by EDR, and dated 05/16/2024 has revealed that there is 1 NY ILI site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTH SHORE INCINERA	***BOUNDED BY STANLEY A***	***SSW 1/4 - 1/2 (0.376 mi.)***	***61***	***146***

NY NYC OER: Properties remediated under OER's oversight, both in the E-Designation program and the NYC Voluntary Cleanup Program. Includes sites completed and in progress.

A review of the NY NYC OER list, as provided by EDR, and dated 06/03/2024 has revealed that there are 7 NY NYC OER sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
78-15 LINDEN BOULEVA	78-15 LINDEN BLVD	NNW 0 - 1/8 (0.061 mi.)	B17	76
LOT 15,TAXBLOCK 4496	***573 EMERALD STREET***	***WSW 0 - 1/8 (0.095 mi.)***	***F32***	***100***
583 EMERALD STREET -	1427-1449 LORING AVE	WSW 0 - 1/8 (0.106 mi.)	F40	113
2846-2868 LINDEN BOU	***2846-2868 LINDEN BOU***	***W 0 - 1/8 (0.112 mi.)***	***E44***	***119***
1490 DUMONT AVENUE	1490 DUMONT AVENUE	WNW 1/4 - 1/2 (0.301 mi.)	L57	142
447 EUCLID AVENUE	***447 EUCLID AVENUE***	***WNW 1/2 - 1 (0.926 mi.)***	***78***	***210***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINDEN CENTER	133-40 79TH STREET	N 1/8 - 1/4 (0.162 mi.)	49	125

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected

listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HERTIAGE GOLD MINE M	315 AMBER ST	WNW 0 - 1/8 (0.047 mi.)	C13	71
J & A SERVICE STATIO	78-01 LINDEN BLV	NNW 0 - 1/8 (0.081 mi.)	B23	80

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINDEN GETTY SERVICE	7810 LINDEN BLVD	N 0 - 1/8 (0.040 mi.)	B4	12

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

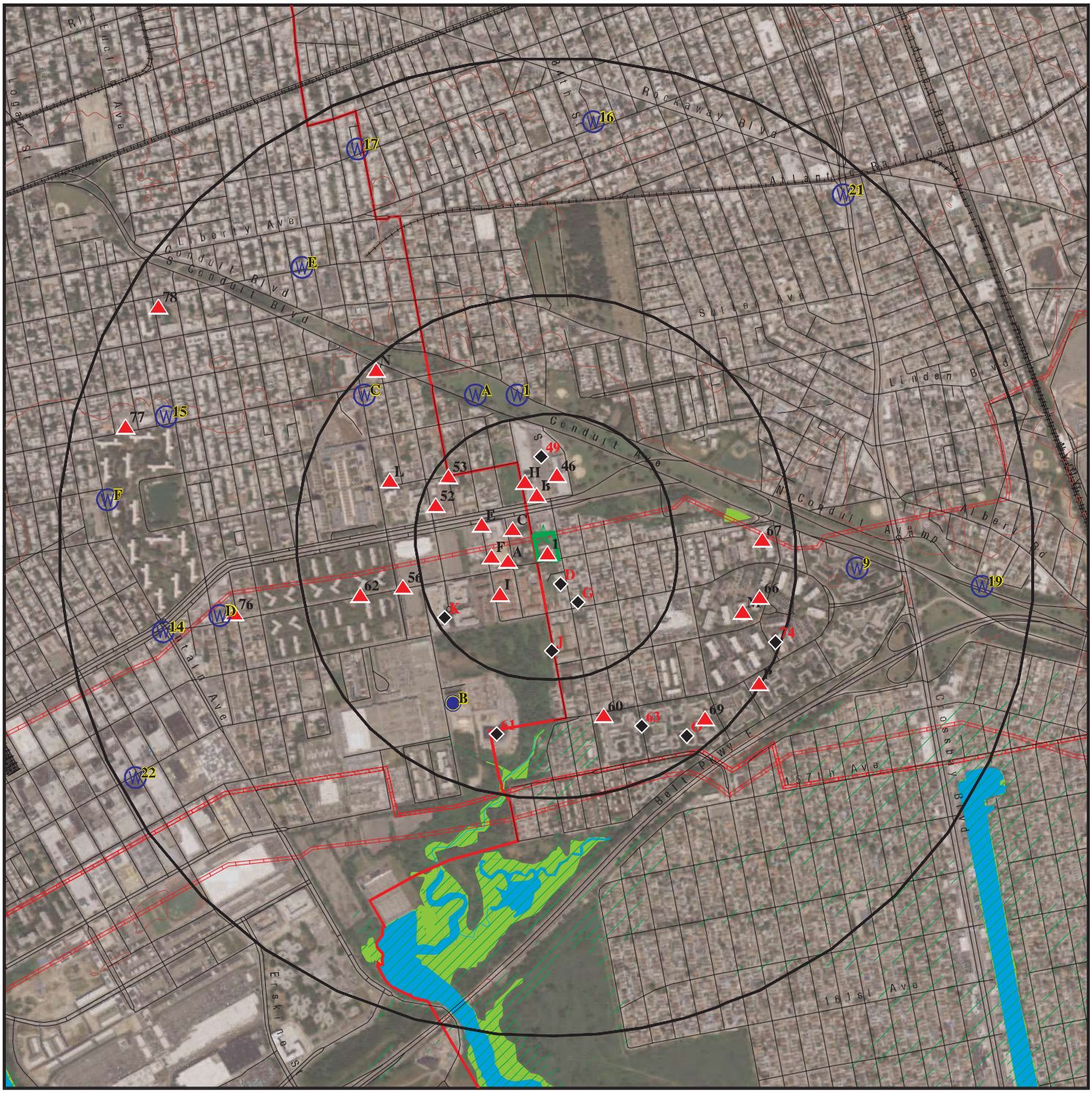
Lower Elevation	Address	Direction / Distance	Map ID	Page
JEN-ANN FRENCH DRY C	7816 LINDEN BLVD	N 0 - 1/8 (0.040 mi.)	B10	62

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
LINWOOD STREET GW	NY SHWS
NYCDOS BULK SITE AT FORBELL STREET	NY SWF/LF, NY SWRCY
GULF STATION	NY LTANKS
BROOKLYN VA MED CTR - TTF	NY LTANKS
FAIRFIELD ESTATES	NY HSWDS

OVERVIEW MAP - 7765872.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	137-25 Sapphire Street	CLIENT:	GZA GeoEnvironmental, Inc.
ADDRESS:	13725 78TH ST Howard Beach NY 11414	CONTACT:	Vicki Curran
LAT/LONG:	40.669419 / 73.856589	INQUIRY #:	7765872.2s
		DATE:	September 17, 2024 10:18 am

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DETAIL MAP - 7765872.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

County Boundary

Pipelines

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	137-25 Sapphire Street	CLIENT:	GZA GeoEnvironmental, Inc.
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		DATE:	September 17, 2024 10:19 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		2	0	0	2	NR	4
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500		0	0	1	NR	NR	1
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		2	0	16	NR	NR	18
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		1	0	NR	NR	NR	1
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		1	0	NR	NR	NR	1
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		1	0	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		8	NR	NR	NR	NR	8
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	2	NR	NR	NR	5
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	1	NR	NR	1
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		2	0	NR	NR	NR	2
NY PFAS	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	1	NR	NR	NR	2
NY E DESIGNATION	0.125		12	NR	NR	NR	NR	12
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY LEAD	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		7	4	NR	NR	NR	11
NJ MANIFEST	0.250		2	0	NR	NR	NR	2
PA MANIFEST	0.250		1	0	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
NY ILI	0.500		0	0	1	NR	NR	1
NY NYC OER	1.000		4	1	1	1	NR	7
NY MGP	1.000		0	0	0	0	NR	0
NY NYC LAND USE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	54	8	21	3	0	86

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **GRASSY AREA** **NY Spills** **S108058075**
78-09 149TH AVE **N/A**
< 1/8 **QUEENS, NY**
1 ft.

Relative:
Higher

Actual:
5 ft.

SPILLS:

Name:	GRASSY AREA
Address:	78-09 149TH AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0603668 / 2006-08-28
Facility ID:	0603668
Facility Type:	ER
DER Facility ID:	316494
Site ID:	366427
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	D6
SWIS:	4101
Spill Date:	2006-07-03
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2006-07-03
CID:	409
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-03
Spill Record Last Update:	2006-08-28
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	ANDREW KELLY
Latitude:	40.6686790
Longitude:	-73.8567940
DEC Memo:	Add to next Drum Run 08/28/06 Rahman- Containers were not found at this location.
Remarks:	THERE IS NO SPILL BUT THERE ARE 42 5 GAL CONTAINERS THAT NEED TO BE PICKED UP.

All Materials:

Site ID:	366427
Operable Unit ID:	1124376
Operable Unit:	01
Material ID:	2113873
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

A2
SSW
< 1/8
0.034 mi.
182 ft.

PRIVATE RESD
1458 LORING AVE
BROOKLYN, NY

Site 1 of 2 in cluster A

NY Spills **S113493946**
N/A

Relative:
Higher

Actual:
8 ft.

SPILLS:

Name:	PRIVATE RESD
Address:	1458 LORING AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1301440 / 2013-06-03
Facility ID:	1301440
Facility Type:	ER
DER Facility ID:	437075
Site ID:	481820
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2013-05-12
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2013-05-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-05-12
Spill Record Last Update:	2013-06-03
Spiller Name:	Not reported
Spiller Company:	PRIVATE RESD
Spiller Address:	1458 LORING AVE
Spiller Company:	999
Contact Name:	ANONYMOUS - NEIGHBOR
Latitude:	40.6684450
Longitude:	-73.8575040
DEC Memo:	Not reported
Remarks:	The following information was received through the DEC website Report an Environmental Violation Online or sent directly by the complainant to an OPP dispatch mailbox: Who Did It: Jeromak Properties owners of the house or property involved in violation/ health hazard What Occurred: The house located at 1458 loring Ave Brooklyn NY 11208 between Amber St and Saphire/78st. which is right next to my property. For yrs have been pumping raw sewage into the street. They have a sewage pump and hoses running underground on the right side of their driveway, which empties the raw sewage directly in the street everyday. Especially in the morn. It appears to be regular water coming out into the street but the smell alone can help determine its sewer. I've been complaining to the owner for yrs. yet he refused to look into this prob. His sewer water constantly floods my property and my kids seem to be getting sick with respiratory related illnesses. This as we all know is unsafe for humans animals and the environment. This type of pollution is illegal and unsafe.. The

PRIVATE RESD (Continued) **S113493946**

owners need to be brought to justice and fix this problem. My children Dr. directly told me this is definitely related to my kids always getting sick with upper respiratory infections. When Did It Occur: Everyday/ multiple times everyday depending on how much water is used in their house the pump would come on in the morn. after they shower and during the day pumping the sewer tank out into the street. County: Kings Municipality: Brooklyn Location Or Address: 1458 Loring Ave Brooklyn NY 11208 Bet. Amber St and Saphire/78st. It's a yellow house with a white plastic fence How Did It Occur: Raw sewage being pumped into the Street Additional Details: Look at the right side of the driveway and monitor it for a few hours or a day. The officer will see and smell the water/sewage being pumped into the street. Not sure what agencies are involved at the time but I'm going to make it my biz to notify every possible agency and seek legal advice also. Complainants Name: Complainants Phone: Complainants Email: Date of Submittal: 05/12/2013

All Materials:

Site ID:	481820
Operable Unit ID:	1231584
Operable Unit:	01
Material ID:	2230349
Material Code:	0062A
Material Name:	raw sewage
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

B3 **ONE STOP/JEN-ANN DRY CLEANERS** **NY DRYCLEANERS** **S110247530**
North **78-16(12) LINDEN BLVD.** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.039 mi.
206 ft. **Site 1 of 15 in cluster B**

Relative: DRYCLEANERS:
Lower

Name:	ONE STOP/JEN-ANN DRY CLEANERS
Address:	78-16(12) LINDEN BLVD.
City,State,Zip:	HOWARD BEACH, NY 11414
Facility ID:	2-6308-00535
Phone Number:	718-296-5532
Region:	Not reported
Registration Effective Date:	N/A
Inspection Date:	11/17/2003
Install Date:	89
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Y
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

Actual:
4 ft.

B4 **LINDEN GETTY SERVICE STATION** **EDR Hist Auto** **1021165506**
North **7810 LINDEN BLVD** **N/A**
< 1/8 **JAMAICA, NY 11414**
0.040 mi.
210 ft. **Site 2 of 15 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
4 ft.

Year:	Name:	Type:
1991	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1992	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1993	LINDEN GETTY SERVICE STATION	Gasoline Service Stations

B5 **WALGREENS** **E MANIFEST** **1027885459**
North **7814 LINDEN BLVD** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.040 mi.
210 ft. **Site 3 of 15 in cluster B**

Relative: E MANIFEST:
Lower

Actual:
4 ft.

Manifest Tracking Number:	013392719FLE
Last Updated Date:	20220602
Shipped Date:	20200220
Received Date:	20200227
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	7814 LINDEN BLVD
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

WALGREENS (Continued) **1027885459**

Manifest Tracking Number:	200347969CLE
Last Updated Date:	20230125
Shipped Date:	20230110
Received Date:	20230117
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200127957CLE
Last Updated Date:	20220502
Shipped Date:	20220411
Received Date:	20220419
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200

WALGREENS (Continued) **1027885459**

Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200005015CLE
Last Updated Date:	20211130
Shipped Date:	20211111
Received Date:	20211122
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy #200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092-1003
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence

WALGREENS (Continued) **1027885459**

Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	013389166FLE
Last Updated Date:	20200601
Shipped Date:	20200519
Received Date:	20200527
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	7814 LINDEN BLVD
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	014427595FLE
Last Updated Date:	20210305
Shipped Date:	20210215
Received Date:	20210302
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD

WALGREENS (Continued) **1027885459**

Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	104 Wilmot Rd, 5th Floor, MS #1450
Generator Location Street 2:	Not reported
Generator Location City:	Deerfield
Generator Location Zip:	60015-4618
Generator Location State:	IL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015997006FLE
Last Updated Date:	20210527
Shipped Date:	20210511
Received Date:	20210524
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy #200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092-1003
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence

WALGREENS (Continued) **1027885459**

Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015997315FLE
Last Updated Date:	20210827
Shipped Date:	20210810
Received Date:	20210824
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy #200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092-1003
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200432474CLE
Last Updated Date:	20230427
Shipped Date:	20230412
Received Date:	20230421
Manifest Status:	Signed

WALGREENS (Continued) **1027885459**

Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014960407FLE
Last Updated Date:	20200828
Shipped Date:	20200820
Received Date:	20200826
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	302 Wilmot Road Stop 3305
Generator Location Street 2:	Not reported
Generator Location City:	Deerfield
Generator Location Zip:	60015-4618
Generator Location State:	IL
Generator Contact Company Name:	Not reported

WALGREENS (Continued) **1027885459**

Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200272143CLE
Last Updated Date:	20221020
Shipped Date:	20221007
Received Date:	20221013
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

WALGREENS (Continued) **1027885459**

Federal Waste:
Manifest Tracking Number: 200272143CLE
Waste Line Number: 1
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 200272143CLE
Waste Line Number: 2
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 200272143CLE
Waste Line Number: 2
Federal Waste Code: D010
Federal Waste: SELENIUM

State Waste:
Manifest Tracking Number: 200272143CLE
Waste Line Number: 1
State Waste Code Owner: NY
State Waste Code: B
State Waste: Incineration, heat recovery, burning. Waste management method code to be used on e-Manifest only

Manifest Tracking Number: 200272143CLE
Waste Line Number: 2
State Waste Code Owner: NY
State Waste Code: B
State Waste: Incineration, heat recovery, burning. Waste management method code to be used on e-Manifest only

Manifest Tracking Number: 200272143CLE
Waste Line Number: 3
State Waste Code Owner: RI
State Waste Code: R015
State Waste: Non-hazardous waste, manifest required by receiving state

Transporter:
Manifest Tracking Number: 200272143CLE
Transporter Line Number: 1
Transporter EPA ID: PAD982661381
Transporter Name: Republic Environmental Systems

Waste Line:
Manifest Tracking Number: 200272143CLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN1950
U.S. DOT Description: Un1950, Waste Aerosols, [Flammable, (Each Not Exceeding 1 L Capacity)] 2.1, Erg#126
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 5

WALGREENS (Continued) **1027885459**

Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0025
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0025
Waste Quantity, in Kilograms:	2.267575
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	2.267575
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Manifest Tracking Number:	200272143CLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2811
U.S. DOT Description:	Un2811, Waste Toxic Solids, Organic, N.O.S. (Chromium, Selenium), 6.1, Pg Ii, Erg#154
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	23
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0115
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0115
Waste Quantity, in Kilograms:	10.430845
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	10.430845
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported

WALGREENS (Continued) **1027885459**

Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	200272143CLE
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Hazardous, Non-Regulated Liquids & Solids
Number of Containers:	2
Container Type Code:	CF
Container Type Description:	Fiber or plastic boxes, cartons, cases
Waste Quantity:	63
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0315
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0315
Waste Quantity, in Kilograms:	28.571445
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	28.571445
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
1 additional US EManifest: record(s) in the EDR Site Report.

B6 **RITE AID #04693** **PA MANIFEST** **S123093875**
North **78-14 LINDEN BLVD** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.040 mi.
210 ft. **Site 4 of 15 in cluster B**

Relative: PA MANIFEST:
Lower

Actual: Name:	RITE AID #04693
4 ft. Address:	78-14 LINDEN BLVD
City,State,Zip:	HOWARD BEACH, NY 11414
Year:	2017
Manifest Number:	015918275JJK
Manifest Type:	T
Generator EPA ID:	NYR000186973
Generator Date:	05/23/2017
Mailing Address:	Not reported

RITE AID #04693 (Continued) **S123093875**

Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA ID:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Envirite of Pennsylvania Inc
TSD Facility Address:	730 Vogelsong Rd
TSD Facility City:	York
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	P001
Container Number:	1
Container Type:	DF
Waste Quantity:	1
Unit:	P
Handling Code:	Not reported
TSP EPA ID:	PAD010154045
Date TSP Sig:	Not reported

B7 **DBA RITE AID #04693** **RCRA-VSQG 1014926909**
North **LINDEN BLVD** **E MANIFEST NYR000186973**
< 1/8 **HOWARD BEACH, NY 11414**
0.040 mi.
210 ft. **Site 5 of 15 in cluster B**

Relative: **Lower**
Actual: **4 ft.**

RCRA Listings:

Date Form Received by Agency:	20180330
Handler Name:	Dba Rite Aid #04693
Handler Address:	Linden Blvd
Handler City,State,Zip:	HOWARD BEACH, NY 11414
EPA ID:	NYR000186973
Contact Name:	KIMBERLY DASCOLI
Contact Address:	WILMOT RD
Contact City,State,Zip:	DEERFIELD, IL 60015
Contact Telephone:	847-315-2812
Contact Fax:	Not reported
Contact Email:	KIM.DASCOLI@WALGREENS.COM
Contact Title:	DIRECTOR RETAIL COMPLIANCE
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	WILMOT RD MS #3301
Mailing City,State,Zip:	DEERFIELD, IL 60015
Owner Name:	Linden Canyon Llc
Owner Type:	Private
Operator Name:	Walgreen Eastern Co
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

DBA RITE AID #04693 (Continued) **1014926909**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium

DBA RITE AID #04693 (Continued) **1014926909**

Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D018
Waste Description:	Benzene
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D026
Waste Description:	Cresol
Waste Code:	D027
Waste Description:	1,4-Dichlorobenzene
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U058
Waste Description:	2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide
Waste Code:	U072
Waste Description:	Benzene, 1,4-Dichloro- (Or) P-Dichlorobenzene
Waste Code:	U122
Waste Description:	Formaldehyde
Waste Code:	U129
Waste Description:	Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha,

DBA RITE AID #04693 (Continued) **1014926909**

5alpha, 6beta)- (Or) Lindane

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U165
Waste Description: Naphthalene

Waste Code: U188
Waste Description: Phenol

Waste Code: U201
Waste Description: 1,3-Benzenediol (Or) Resorcinol

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Waste Code: U211
Waste Description: Carbon Tetrachloride (Or) Methane, Tetrachloro-

Waste Code: U240
Waste Description: 2,4-D, Salts & Esters (Or) Acetic Acid, (2,4-Dichlorophenoxy)-, Salts & Esters (Or) Dichlorophenoxyacetic Acid 2,4-D

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: LINDEN CANYON LLC
Legal Status: Private
Date Became Current: 19970106
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 334
Owner/Operator City,State,Zip: ALBERTSON, NY 11507-0334
Owner/Operator Telephone: 516-829-8833
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WALGREEN EASTERN CO
Legal Status: Private
Date Became Current: 20180313
Date Ended Current: Not reported
Owner/Operator Address: 200 WILMOT RD
Owner/Operator City,State,Zip: DEERFIELD, IL 60015
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RITE AID OF NEW YORK
Legal Status: Private
Date Became Current: 19970331
Date Ended Current: Not reported

DBA RITE AID #04693 (Continued) **1014926909**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RITE AID CORP	
Legal Status:	Private
Date Became Current:	19960906
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RITE AID OF NEW YORK INC	
Legal Status:	Private
Date Became Current:	19970331
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: RITE AID CORP	
Legal Status:	Private
Date Became Current:	19960906
Date Ended Current:	Not reported
Owner/Operator Address:	30 HUNTER LANE
Owner/Operator City,State,Zip:	CAMP HILL, PA 17011
Owner/Operator Telephone:	717-761-2633
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: LINDEN CANYON LLC	
Legal Status:	Private
Date Became Current:	19970106
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 334
Owner/Operator City,State,Zip:	ALBERTSON, NY 11507-0334
Owner/Operator Telephone:	516-829-8833
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: LINDEN CANYON LLC	

DBA RITE AID #04693 (Continued) **1014926909**

Legal Status:	Private
Date Became Current:	19970106
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 334
Owner/Operator City,State,Zip:	ALBERTSON, NY 11507-0334
Owner/Operator Telephone:	516-829-8833
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20111104
Handler Name: RITE AID #4693	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20141027
Handler Name: RITE AID #4693	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20151125
Handler Name: RITE AID #4693	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20180330
Handler Name: DBA RITE AID #04693	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

DBA RITE AID #04693 (Continued) **1014926909**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44611
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 012540439FLE
Last Updated Date: 20190125
Shipped Date: 20181210
Received Date: 20181227
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: NYR000186973
Generator Name: Dba Rite Aid 4693
Generator Mail Street Number: Not reported
Generator Mail Street 1: 78-14 LINDEN BLVD
Generator Mail Street 2: Not reported
Generator Mail City: HOWARD BEACH
Generator Mail State: NY
Generator Mail Zip: 11414
Generator Location Street Number: Not reported
Generator Location Street 1: 78-14 Linden Blvd
Generator Location Street 2: Not reported
Generator Location City: Howard Beach
Generator Location Zip: 11414
Generator Location State: NY
Generator Contact Company Name: Not reported
Designated Facility EPA ID: NCD000648451
Designated Facility Name: Clean Harbors Reidsville Llc
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 208 Watlington Industrial Drive
Designated Facility Mail City: Reidsville
Designated Facility Mail Zip: 27320
Designated Facility Mail State: NC
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 208 Watlington Industrial Drive
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Reidsville

DBA RITE AID #04693 (Continued) **1014926909**

Designated Facility Location Zip:	27320
Designated Facility Location State:	NC
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012732844FLE
Last Updated Date:	20190827
Shipped Date:	20190408
Received Date:	20190417
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Dba Rite Aid 4693
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	78-14 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	78-14 Linden Blvd
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NCD000648451
Designated Facility Name:	Clean Harbors Reidsville Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	208 Watlington Industrial Drive
Designated Facility Mail City:	Reidsville
Designated Facility Mail Zip:	27320
Designated Facility Mail State:	NC
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	208 Watlington Industrial Drive
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Reidsville
Designated Facility Location Zip:	27320
Designated Facility Location State:	NC
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012855416FLE
Last Updated Date:	20190916
Shipped Date:	20190802
Received Date:	20190820
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Dba Rite Aid 4693
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	78-14 LINDEN BLVD

DBA RITE AID #04693 (Continued) **1014926909**

Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	78-14 Linden Blvd
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NCD000648451
Designated Facility Name:	Clean Harbors Reidsville Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	208 Watlington Industrial Drive
Designated Facility Mail City:	Reidsville
Designated Facility Mail Zip:	27320
Designated Facility Mail State:	NC
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	208 Watlington Industrial Drive
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Reidsville
Designated Facility Location Zip:	27320
Designated Facility Location State:	NC
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	013392719FLE
Last Updated Date:	20220602
Shipped Date:	20200220
Received Date:	20200227
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	7814 LINDEN BLVD
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence

DBA RITE AID #04693 (Continued) **1014926909**

Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200347969CLE
Last Updated Date:	20230125
Shipped Date:	20230110
Received Date:	20230117
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	011786513FLE
Last Updated Date:	20181011
Shipped Date:	20180828
Received Date:	20180911
Manifest Status:	Signed

DBA RITE AID #04693 (Continued) **1014926909**

Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Dba Rite Aid 4693
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	78-14 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	78-14 Linden Blvd
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NCD000648451
Designated Facility Name:	Clean Harbors Reidsville Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	208 Watlington Industrial Drive
Designated Facility Mail City:	Reidsville
Designated Facility Mail Zip:	27320
Designated Facility Mail State:	NC
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	208 Watlington Industrial Drive
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Reidsville
Designated Facility Location Zip:	27320
Designated Facility Location State:	NC
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	200127957CLE
Last Updated Date:	20220502
Shipped Date:	20220411
Received Date:	20220419
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy Ste 200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092
Generator Location State:	GA
Generator Contact Company Name:	Not reported

DBA RITE AID #04693 (Continued) **1014926909**

Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200005015CLE
Last Updated Date:	20211130
Shipped Date:	20211111
Received Date:	20211122
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	5250 Triangle Pkwy #200
Generator Location Street 2:	Not reported
Generator Location City:	Peachtree Corners
Generator Location Zip:	30092-1003
Generator Location State:	GA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

DBA RITE AID #04693 (Continued) **1014926909**

Manifest Tracking Number:	013389166FLE
Last Updated Date:	20200601
Shipped Date:	20200519
Received Date:	20200527
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	7814 LINDEN BLVD
Generator Location Street 2:	Not reported
Generator Location City:	Howard Beach
Generator Location Zip:	11414
Generator Location State:	NY
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014427595FLE
Last Updated Date:	20210305
Shipped Date:	20210215
Received Date:	20210302
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CESQG
Generator Name:	Walgreens
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	7814 LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	Not reported
Generator Location Street 1:	104 Wilmot Rd, 5th Floor, MS #1450

DBA RITE AID #04693 (Continued) **1014926909**

Generator Location Street 2:	Not reported
Generator Location City:	Deerfield
Generator Location Zip:	60015-4618
Generator Location State:	IL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence
Designated Facility Location Zip:	02905
Designated Facility Location State:	RI
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200180718CLE
Last Updated Date:	20230313
Shipped Date:	20220705
Received Date:	20220711
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	NYR000186973
Generator Name:	Dba Rite Aid #04693
Generator Mail Street Number:	78-14
Generator Mail Street 1:	LINDEN BLVD
Generator Mail Street 2:	Not reported
Generator Mail City:	HOWARD BEACH
Generator Mail State:	NY
Generator Mail Zip:	11414
Generator Location Street Number:	300
Generator Location Street 1:	WILMOT RD MS #3301
Generator Location Street 2:	Not reported
Generator Location City:	DEERFIELD
Generator Location Zip:	60015
Generator Location State:	IL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	RID040098352
Designated Facility Name:	Northland Environmental, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	275 Allens Avenue
Designated Facility Mail City:	Providence
Designated Facility Mail Zip:	02905
Designated Facility Mail State:	RI
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	275 Allens Avenue
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Providence

DBA RITE AID #04693 (Continued) **1014926909**

Designated Facility Location Zip: 02905
Designated Facility Location State: RI
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Federal Waste:
Manifest Tracking Number: 015997006FLE
Waste Line Number: 1
Federal Waste Code: D007
Federal Waste: CHROMIUM

Manifest Tracking Number: 015997006FLE
Waste Line Number: 1
Federal Waste Code: D010
Federal Waste: SELENIUM

State Waste:
Manifest Tracking Number: 015997006FLE
Waste Line Number: 1
State Waste Code Owner: NY
State Waste Code: B
State Waste: Incineration, heat recovery, burning. Waste management method code to be used on e-Manifest only

Manifest Tracking Number: 015997006FLE
Waste Line Number: 2
State Waste Code Owner: RI
State Waste Code: R015
State Waste: Non-hazardous waste, manifest required by receiving state

Transporter:
Manifest Tracking Number: 015997006FLE
Transporter Line Number: 1
Transporter EPA ID: PAD982661381
Transporter Name: Republic Env Sys (Trans Group) Llc

Waste Line:
Manifest Tracking Number: 015997006FLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN2811
U.S. DOT Description: Un2811, Waste Toxic Solids, Organic, N.O.S. (Chromium, Selenium), 6.1, Pg Ii, Erg#154
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: CF
Container Type Description: Fiber or plastic boxes, cartons, cases
Waste Quantity: 21
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0105
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0105
Waste Quantity, in Kilograms: 9.523815

DBA RITE AID #04693 (Continued) **1014926909**

Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	9.523815
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Manifest Tracking Number:	015997006FLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-Hazardous, Non-Regulated Liquids & Solids
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	155
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0775
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0775
Waste Quantity, in Kilograms:	70.29483
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	70.29483
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
7 additional US EManifest: record(s) in the EDR Site Report.

B8 **WALGREENS** **NY MANIFEST** **S130581934**
North **78-14 LINDEN BLVD** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.040 mi.
210 ft. **Site 6 of 15 in cluster B**

Relative: **Lower**

Actual: **4 ft.**

NY MANIFEST:

EPA ID:	NYR000186973
Country:	USA
Name:	WALGREENS
Address:	78-14 LINDEN BLVD
Address 2:	Not reported
City,State,Zip:	HOWARD BEACH, NY 11414
Zip 4:	Not reported
Location Address 1:	78-14 LINDEN BLVD
Location Address 2:	Not reported
Location City,State,Zip:	HOWARD BEACH, NY 11414
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	WALGREENS
Mailing Contact:	WALGREENS
Mailing Address 1:	104 WILMOT RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DEERFIELD, IL 60015
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	4017816340

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Year:	2018
Trans2 State ID:	NJR000063677
Generator Ship Date:	03/23/2015
Trans1 Recv Date:	03/23/2015
Trans2 Recv Date:	03/27/2015
TSD Site Recv Date:	03/31/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID040098352
TSDF ID 2:	Not reported
Manifest Tracking Number:	007387485FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

WALGREENS (Continued) **S130581934**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	Not reported
Waste Code b:	CHROMIUM
Waste Code c:	SELENIUM
Waste Code e:	SILVER
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	30
Units:	Pounds
Number of Containers:	1
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Burn
Specific Gravity:	1

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Year:	2018
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/27/2014
Trans1 Recv Date:	01/27/2014
Trans2 Recv Date:	02/03/2014
TSD Site Recv Date:	02/12/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006300057FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	IGNITABLE WASTE
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported

WALGREENS (Continued) **S130581934**

Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	2
Units:	Pounds
Number of Containers:	1
Container Type:	Burlap, cloth, paper or plastic bags
Handling Method:	Burn
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Year:	2018
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/27/2014
Trans1 Recv Date:	01/27/2014
Trans2 Recv Date:	02/03/2014
TSD Site Recv Date:	02/12/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006300057FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	CHROMIUM
Waste Code b:	SELENIUM
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	89
Units:	Pounds
Number of Containers:	2
Container Type:	Burlap, cloth, paper or plastic bags
Handling Method:	Burn
Specific Gravity:	1

WALGREENS (Continued) **S130581934**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Year:	2018
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/27/2014
Trans1 Recv Date:	01/27/2014
Trans2 Recv Date:	02/03/2014
TSD Site Recv Date:	02/12/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006300057FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	IGNITABLE WASTE
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	5
Units:	Pounds
Number of Containers:	2
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Treat
Specific Gravity:	1

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Year:	2018
Trans2 State ID:	NJD054126164
Generator Ship Date:	01/27/2014
Trans1 Recv Date:	01/27/2014
Trans2 Recv Date:	02/03/2014
TSD Site Recv Date:	02/12/2014
Part A Recv Date:	Not reported

WALGREENS (Continued) **S130581934**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006300057FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	IGNITABLE WASTE
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	2
Units:	Pounds
Number of Containers:	1
Container Type:	Burlap, cloth, paper or plastic bags
Handling Method:	Burn
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Year:	2018
Trans2 State ID:	NJR000063677
Generator Ship Date:	05/04/2013
Trans1 Recv Date:	05/04/2013
Trans2 Recv Date:	05/09/2013
TSD Site Recv Date:	05/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006296325FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N

WALGREENS (Continued) **S130581934**

Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code b:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	1
Units:	Pounds
Number of Containers:	1
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Landfill
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Year:	2018
Trans2 State ID:	NJR000063677
Generator Ship Date:	05/04/2013
Trans1 Recv Date:	05/04/2013
Trans2 Recv Date:	05/09/2013
TSD Site Recv Date:	05/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	INR000110197
TSDF ID 2:	Not reported
Manifest Tracking Number:	006296325FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported

WALGREENS (Continued) **S130581934**

MGMT Method Type Code:	H141
Waste Code a:	IGNITABLE WASTE
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	25
Units:	Pounds
Number of Containers:	1
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Landfill
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD084814136
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	05/23/2017
Trans1 Recv Date:	05/23/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/31/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD010154045
TSDF ID 2:	Not reported
Manifest Tracking Number:	015918275JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported

WALGREENS (Continued) **S130581934**

Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	0.01
Units:	Pounds
Number of Containers:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Landfill
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD084814136
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	05/23/2017
Trans1 Recv Date:	05/23/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/31/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD010154045
TSDF ID 2:	Not reported
Manifest Tracking Number:	015918277JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	CORROSIVE WASTE
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	1
Units:	Pounds
Number of Containers:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Treat

WALGREENS (Continued) **S130581934**

Specific Gravity: 1

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAD084814136
Year: 2018
Trans2 State ID: Not reported
Generator Ship Date: 05/23/2017
Trans1 Recv Date: 05/23/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/31/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000186973
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: PAD010154045
TSDF ID 2: Not reported
Manifest Tracking Number: 015918277JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code a: 2-PROPANONE (I) (OR) ACETONE (I)
Waste Code b: IGNITABLE WASTE
Waste Code c: BENZENE
Waste Code e: METHYL ETHYL KETONE
Waste Code f: Not reported
Waste Code g: Not reported
Waste Code 1: Not reported
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 1
Units: Pounds
Number of Containers: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Handling Method: Landfill
Specific Gravity: 1

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAD084814136
Year: 2018
Trans2 State ID: Not reported
Generator Ship Date: 05/23/2017
Trans1 Recv Date: 05/23/2017
Trans2 Recv Date: Not reported

WALGREENS (Continued) **S130581934**

TSD Site Recv Date:	05/31/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000186973
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD010154045
TSDF ID 2:	Not reported
Manifest Tracking Number:	015918277JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code b:	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)
Waste Code c:	CHROMIUM
Waste Code e:	SELENIUM
Waste Code f:	SILVER
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	16
Units:	Pounds
Number of Containers:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Landfill
Specific Gravity:	1

Click this hyperlink while viewing on your computer to access
60 additional NY MANIFEST: record(s) in the EDR Site Report.

B9 **JEN ANN CLEANERS INC** **RCRA NonGen / NLR** **1000102176**
North **78-16 LINDEN BLVD** **FINDS** **NYD095764825**
< 1/8 **HOWARD BEACH, NY 11414** **ECHO**
0.040 mi. **NY MANIFEST**
210 ft. **Site 7 of 15 in cluster B**

Relative: **Lower**
Actual: **4 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Jen Ann Cleaners Inc
Handler Address:	Linden Blvd
Handler City,State,Zip:	HOWARD BEACH, NY 11414-1022
EPA ID:	NYD095764825
Contact Name:	Not reported
Contact Address:	LINDEN BLVD

JEN ANN CLEANERS INC (Continued) **1000102176**

Contact City,State,Zip:	HOWARD BEACH, NY 11414
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	LINDEN BLVD
Mailing City,State,Zip:	HOWARD BEACH, NY 11414
Owner Name:	Ownername
Owner Type:	Private
Operator Name:	Ownername
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

JEN ANN CLEANERS INC (Continued) **1000102176**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: F002
Waste Description: The Following Spent Halogenated Solvents: Tetrachloroethylene, Methylene Chloride, Trichloroethylene, 1,1,1-Trichloroethane, Chlorobenzene, 1,1,2-Trichloro-1,2,2-Trifluoroethane, Ortho-Dichlorobenzene, Trichlorofluoromethane, And 1,1,2, Trichloroethane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F001, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME

JEN ANN CLEANERS INC (Continued) **1000102176**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: JEN ANN CLEANERS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: JEN ANN CLEANERS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: JEN ANN CLEANERS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19850503
Handler Name: JEN ANN CLEANERS INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

JEN ANN CLEANERS INC (Continued) **1000102176**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004375863

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The New York Department of Environmental Conservation Facility Information System (FIS) database houses all information about facilities that are regulated or of environmental interest to the state of New York.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000102176
Registry ID: 110004375863
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004375863
Name: JEN ANN CLEANERS INC
Address: 78-16 LINDEN BLVD
City,State,Zip: HOWARD BEACH, NY 11414

NY MANIFEST:
EPA ID: NYD095764825
Country: USA
Name: JEN ANN CLEANERS
Address: 78-16 LINDEN BLVD
Address 2: Not reported
City,State,Zip: HOWARD BEACH, NY 11414-1022
Zip 4: Not reported
Location Address 1: 78-16 LINDEN BOULAVARD
Location Address 2: Not reported
Location City,State,Zip: HOWARD BEACH, NY 11414
Location Zip 4: Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	JEN ANN CLEANERS
Mailing Contact:	VINCENT ODDO
Mailing Address 1:	78-16 LINDEN BOULAVARD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	HOWARD BEACH, NY 11414
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182965300

Manifest Data:

Document ID:	NYA8955336
Manifest Status:	C - Completed copy
Trans1 State ID:	NY9381
Year:	1988
Trans2 State ID:	Not reported
Generator Ship Date:	880715
Trans1 Recv Date:	880715
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880715
Part A Recv Date:	880719
Part B Recv Date:	880725
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

Quantity:	00140
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYA9421479
Manifest Status:	C - Completed copy
Trans1 State ID:	LP3931NY
Year:	1989
Trans2 State ID:	Not reported
Generator Ship Date:	890419
Trans1 Recv Date:	890419
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890419
Part A Recv Date:	890425
Part B Recv Date:	890426
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00420
Units:	Pounds
Number of Containers:	006
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYA6896801

JEN ANN CLEANERS INC (Continued) **1000102176**

Manifest Status:	C - Completed copy
Trans1 State ID:	AM6252NY
Year:	1987
Trans2 State ID:	Not reported
Generator Ship Date:	871130
Trans1 Recv Date:	871130
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871130
Part A Recv Date:	871203
Part B Recv Date:	871209
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00140
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100

Document ID:	NYA5656743
Manifest Status:	K - Completed after the designated time
Trans1 State ID:	AM6252
Year:	1987
Trans2 State ID:	Not reported
Generator Ship Date:	870421
Trans1 Recv Date:	870421
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870421

JEN ANN CLEANERS INC (Continued) **1000102176**

Part A Recv Date:	870626
Part B Recv Date:	870429
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	01400
Units:	Pounds
Number of Containers:	020
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYA9036617
Manifest Status:	C - Completed copy
Trans1 State ID:	AY9381
Year:	1988
Trans2 State ID:	Not reported
Generator Ship Date:	880913
Trans1 Recv Date:	880913
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880913
Part A Recv Date:	880919
Part B Recv Date:	880919
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00140
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYA6860237
Manifest Status:	C - Completed copy
Trans1 State ID:	NYAM6252
Year:	1987
Trans2 State ID:	Not reported
Generator Ship Date:	871106
Trans1 Recv Date:	871106
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871106
Part A Recv Date:	871109
Part B Recv Date:	871117
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00140
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYC2887874
Manifest Status:	Not reported
Trans1 State ID:	AM6252NY
Year:	1994
Trans2 State ID:	Not reported
Generator Ship Date:	05/04/1994
Trans1 Recv Date:	05/04/1994
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/04/1994
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE

JEN ANN CLEANERS INC (Continued) **1000102176**

	USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00195
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYC3616198
Manifest Status:	Not reported
Trans1 State ID:	AM6252NY
Year:	1995
Trans2 State ID:	Not reported
Generator Ship Date:	07/27/1995
Trans1 Recv Date:	07/27/1995
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/27/1995
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

Waste Code 6:	Not reported
Quantity:	00195
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYC2080517
Manifest Status:	Not reported
Trans1 State ID:	LP3931NY
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	02/16/1993
Trans1 Recv Date:	02/16/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/16/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00195
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00

JEN ANN CLEANERS INC (Continued) **1000102176**

Document ID:	NYC2081349
Manifest Status:	Not reported
Trans1 State ID:	JE4550NY
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	11/23/1993
Trans1 Recv Date:	11/23/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/23/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00195
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00

Document ID:	NYA6727961
Manifest Status:	C - Completed copy
Trans1 State ID:	AM6252
Year:	1987
Trans2 State ID:	Not reported
Generator Ship Date:	870713
Trans1 Recv Date:	870713
Trans2 Recv Date:	Not reported

JEN ANN CLEANERS INC (Continued) **1000102176**

TSD Site Recv Date:	870713
Part A Recv Date:	870717
Part B Recv Date:	870717
Generator EPA ID:	NYD095764825
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00210
Units:	Pounds
Number of Containers:	003
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
36 additional NY MANIFEST: record(s) in the EDR Site Report.

B10 **JEN-ANN FRENCH DRY CLEANERS** **EDR Hist Cleaner** **1018548397**
North **7816 LINDEN BLVD** **N/A**
< 1/8 **JAMAICA, NY 11414**
0.040 mi.
210 ft. **Site 8 of 15 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual: **4 ft.**

Year:	Name:	Type:
1979	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1980	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1982	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1983	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs

JEN-ANN FRENCH DRY CLEANERS (Continued) **1018548397**

1985	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1986	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1987	JEN-ANN FRENCH DRY CLEANERS*	Drycleaning Plants, Except Rugs
1988	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1989	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1990	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1991	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1992	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1993	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1994	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1995	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1996	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs
1997	JEN-ANN FRENCH DRY CLEANERS	Drycleaning Plants, Except Rugs

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C11 **OPEN YARD** **NY Spills** **S121985759**
WSW **333 AMBER ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.044 mi.
233 ft. **Site 1 of 8 in cluster C**

Relative: **Higher**
Actual: **7 ft.**

SPILLS:

Name:	OPEN YARD
Address:	333 AMBER ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1801279 / 2021-03-30
Facility ID:	1801279
Facility Type:	ER
DER Facility ID:	523069
Site ID:	569814
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2018-05-04
Investigator:	SXWU
Referred To:	Not reported
Reported to Dept:	2018-05-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-05-04
Spill Record Last Update:	2021-03-30
Spiller Name:	Not reported
Spiller Company:	PROPERTY OWNER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	UNKNOWN
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	05/05/18-Hiralkumar Patel. 10:45 AM:- visited site. site is an open lot filled with drums

OPEN YARD (Continued) **S121985759**

containing unknown materials and multiple vehicles. no signs of liquid discharge noted from drums
visible in front of the yard through locked gate. no access available to inspect the entire
property. 05/07/18-Hiralkumar Patel. alternate address: none no PBS or other spills found. 8:19
AM:- spoke with Mr. Soleimani, property owner and informed him about report of illegal storage of
petroleum/chemical products. scheduled a site inspection at 1:30 PM. 4 S Development LLC.
property owner c/o Vivid Management 55 Northern Boulevard, Suite 210 Great Neck, NY 11021
Attn.: Saied Soleimani Ph. (516) 829-4141 (516) 967-4100 Fax (516) 829-4720 email:
saied@vividmgt.com 1:00 PM:- visited site and met Mr. Soleimani. he was not aware of drums/vehicle
storage on his property. Mr. Soleimani claimed that someone had cut his lock on gate and has stored
items illegally. he will contact his attorney regarding site access. informed him about report of
multiple drums on-site containing unknown materials. asked him to retain an environmental
contractor to identify contents stored in drums and properly dispose it. during inspection, noted a
van outside the lot which was found inside during initial inspection on 05/05/18. few other
vehicles have been removed from the lot since initial inspection. 05/08/18-Hiralkumar Patel.
received email from Greg Collins (at 5:32 PM on 05/07/18) from G.C. Env. Gregory Collins G.C.
Environmental, Inc. Ph. (631) 206-3700 Ext. 111 Fax (631) 206-3729 email: gc@gcenvironmental.com
8:52 AM:- spoke with Greg. he mentioned that G.C. Env. has been retained to resolve any
environmental violation at the site. informed him about report of illegal storage of unknown
material on-site. he will contact property owner and schedule a site inspection to inspect the site
and possibly identify materials stored in drums for proper disposal. 05/09/18-Hiralkumar Patel.
9:24 AM:- received call from Mr. Soleimani. he discussed with his attorney who has advise to give 3
day notice to site user. Mr. Soleimani will post notice on site gate. Mr. Soleimani is planning to
enter property on 05/15/18. he will talk to Greg and confirm site inspection. 9:57 AM:- received
call from ECO Connor. informed him about field observations and discussion with property owner.
10:17 AM:- sent email to ECO Connor including copy of spill report. 05/15/18-Hiralkumar Patel. 9:30
AM:- visited site with DEC Sekhon. met Mr. Soleimani, Fulya Toylular (G.C. Env.), Greg (G.C. Env.)
and ECO Connor. Mr. Soleimani cut lock on gate and provided access. multiple drums were noted
throughout property. some drums contained construction debris and open on top. some contained
unknown liquid in it. G.C. Env. will sample solid and liquid contents

OPEN YARD (Continued) **S121985759**

for proper disposal. stained
soil was noted around drums in few areas, but site needs to be further investigated after removal
of all drums. two dump trucks and an oil tanker were also parked on property. met Mike
(718-573-4500, 917-559-5757) who owns these vehicles. Mike confirmed that he had paid a person
(646-372-1221) to park these vehicles for couple of months. Mike doesn't know anything about who
owns drums stored on-site. Mr. Soleimani has asked Mike to remove trucks today. 05/16/18-Hiralkumar
Patel. 9:33 AM:- sent letter to Mr. Soleimani requiring removal of drums, soil/gw delineation and
endpoint samples. asked him to submit report by the end of 07/31/18. letter emailed to Mr.
Soleimani and Greg. 05/17/18-Hiralkumar Patel. received message from Victor (at 3:47 PM on
05/16/18) from NYC DEP inquiring details about the project. Victor Gresseau NYC DEP Hazmat PH.
(917) 769-4005 email: vgresseau@dep.nyc.gov 9:39 AM:- spoke with Victor at NYCDEP and briefed him.
he requested property owner's contact info. 05/18/18-Hiralkumar Patel. 1:47 AM:- sent email to
Victor including contact details for Mr. Soleimani and Greg. 05/29/18-Hiralkumar Patel. 12:29 PM:-
received email from Fulya including a work plan proposing following: - all unknown contents in
drums will be characterized and pumped out - drums will be removed - GPR investigation will be
performed - up to ten (10) soil borings will be advanced to a depth of up to ten (10) ft bg -
contamination will be delineated, if found - soil and groundwater (if applicable) samples will be
collected for 8260/8270 analyses - groundwater flow direction will be determined by installing
permanent monitoring wells, if contaminated soil extends to water table - soil excavation will be
performed, if contamination found, and endpoint samples will be collected - report will be
completed within approx. four (4) weeks from commencement of the field work portion of
investigation the work plan proposes report submission after 4 weeks from beginning of
investigation, but does not include any scheduling on drum removal. also, the work plan has address
325 Amber St which is different lot #. 1:23 PM:- spoke with Fulya and inquired her about delay in
drum removal. she mentioned that owner is in contact with disposal facilities and as such drums are
not removed yet. asked Fulya to submit a revised work plan including correct site address, and
schedule including both activities (drums removal and subsurface investigation). also asked her to
send work plan to NYC DEP Hazmat. 05/30/18-Hiralkumar Patel. 9:32 AM:- sent email to Fulya and
asked her to submit a revised work plan. also asked her to send work plan copy to Victor at NYCDEP.

OPEN YARD (Continued) **S121985759**

email copied to DEP Victor, DEP Afrosa and Mr. Soleimani. 06/05/18-Hiralkumar Patel. received email from Fulya (at 6:06 PM on 06/04/18) including a modified work plan, but doesn't include specific work scheduled as it reads: Drum removal will be implemented within one week of client authorization. 7:17 AM:- sent email to Fulya and informed her that the department can't approve this open ended work schedule. email copied to DEP Victor, DEP Afrosa and Mr. Soleimani. 06/26/18-Hiralkumar Patel. 10:16 AM:- spoke with Fulya and inquired her about revised work schedule. she mentioned that she is waiting for response for a revised work plan submitted on 06/04/18. informed her about email sent on 06/05/18. resent email dated 06/05/18, as Fulya did not receive that email previously. she mentioned that contents of on-site drums were tested (in field and in lab) and found to be non-hazardous waste oil. on 06/22/18, on-site drums were pumped out and total of 3,500 gal of waste oil was disposed off-site. she is discussing with few companies for removal of around 145 empty drums. subsurface investigation will be conducted immediately after removal of drums. she will send update soon. 07/18/18-Hiralkumar Patel. 11:19 AM:- received email from Fulya. she mentioned that all drums have been removed from the site. she will send work plan with more specific work schedule. 07/26/15-Hiralkumar Patel. 10:39 M:- received email from Fulya including an investigation work plan. summary: - based on result of samples collected from drums, contents in the drums were identified as non-hazardous waste oil/liquid - total of 3,500 gal of waste liquid removed from drums - empty drums were removed from the site - will install total of nine (9) soil borings to a depth of 10 ft bg or to groundwater, whichever is encountered first - will collect one soil sample from each boring from deepest dry soil which may exhibit highest visual and olfactory signs of contamination - groundwater flow direction will be determined if soil contamination extends to water table - soil and groundwater contamination, if noted, will be delineated - contaminated soil will be excavated and endpoint samples will be collected 08/06/18-Hiralkumar Patel. 12:47 PM:- sent work plan approval letter to Mr. Soleimani. letter emailed to Mr. Soleimani, Fulya and Greg. 08/08/18-Hiralkumar Patel. received email from Greg (at 6:25 PM on 08/07/18). he mentioned that only those soil samples collected during subsurface investigation that exhibit signs of contamination will be sent to the lab. 08/17/18-Hiralkumar Patel. 8:55 AM:- received call from Fulya. she requested confirmation about sampling clarification from Greg. informed her that the department agrees not to collect

OPEN YARD (Continued) **S121985759**

sample from borings where no
contamination noted, but sample must be collected from borings where any visual/olfactory/PID signs
of contamination noted and contamination must be delineated completely (which may require more than
9 proposed borings). 08/27/18-Hiralkumar Patel. 10:28 AM:- spoke with Mr. Soleimani and inquired
him about subsurface investigation schedule. he will discuss with Fulya and ask her to provide work
schedule. 09/11/18-Hiralkumar Patel. received email from Fulya (at 10:41 AM on 09/10/18) stating
that remedial investigation work will begin on 09/13/18.
10/09/18-Hiralkumar Patel. received email
from Fulya (at 4:44 PM on 10/08/18) including investigation report. total of nine (9) soil borings
(SB-1 through SB-9) were installed to a depth of 5 ft bg where groundwater was encountered. no PID
readings were noted in soil borings. nine (9) soil samples from 0-5 ft depth were analyzed. no
contamination was noted in soil samples, except 2,300 ppb cis-1,2-Dichloroethene in SB-3. four
temporary wells were installed in borings SB-1 (GW-3), SB-3 (GW-1), SB-4 (GW-2) and SB-6 (GW-4). no
contamination noted in groundwater samples, except 520 ppb cis-1,2-Dichloroethene in GW-1. boring
SB-3/GW-1 is located near northeast corner of the site and is up-gradient based on assumed
groundwater flow direction. ---------- based on google street view map, a dry cleaner (1 STOP Dry
Cleaners) is located in shopping complex (Linden Star Shopping Center) at 78-02 Linden Blvd which
is up-gradient of subject site based on assumed groundwater flow direction. 1:15 PM:- sent email to
DOH Nathan including google site map (including location of subject site and nearby dry cleaner)
and investigation report due to detection of cis-1,2-Dichloroethene in soil and groundwater
samples. 10/16/18-Hiralkumar Patel. received email from DON Nathan (at 11:19 AM on 10/15/18)
suggesting resampling in site's NE corner to confirm detection of chlorinated solvent compounds.
10/22/18-Hiralkumar Patel. 9:40 AM:- sent email to Fulya and asked her to resample/analyze
soil/groundwater from site's NE corner where chlorinated solvent contamination noted in boring
SB-3/GW-1. asked her to analyze soil and groundwater samples for full list VOCs only. email copied
to Greg and Mr. Soleimani. 11/14/18-Hiralkumar Patel. received email from Fulya (at 10:36 AM on
11/05/18) including result of soil/groundwater resampling in site's northeast corner. one soil
boring (SB-3/C) was installed at former SB-3/GW-1 location to a depth of 5 ft bg and one soil
sample was collected. the soil boring was converted into temporary groundwater monitoring well and
one groundwater sample was collected. only chlorinated compounds were noted in soil/groundwater

OPEN YARD (Continued) **S121985759**

samples. sample results (in ppb): ----------soil sample---------groundwater sample
PCE----------85
cis-1,2-Dichloroethene--------400----------1,500 Vinyl Chloride----------43----------360 12:56 PM:- forwarded resampling results to DOH
Nathan for review/comment. 11/14/18-Hiralkumar Patel. 1:28 PM:- received email from DOH Nathan
stating that based on levels of DCE at 1500 ug/L and VC at 360 ug/L, there is the potential for
vapor intrusion if a structure is built over this chlorinated VOC plume. 11/29/18-Hiralkumar Patel.
discussed with DEC Austin and DEC Jane. prior to any further investigation or spill closure, need
to review result of waste characterization samples to confirm presence/absence of chlorinated
compounds in former drums stored on-site. 12:45 PM:- sent email to Fulya and asked her to submit
waste characterization sample results. email copied to Mr. Soleimani and Greg. 11/30/18-Hiralkumar
Patel. 12:55 PM:- received email from Fulya including waste characterization sample result. as per
the report, more than 4,000 ug/L of halogens were found in waste sample. 12/04/18-Hiralkumar Patel.
9:17 AM:- left message for Fulya. informed her that based on detection of halogens in waste
characterization sample, the department requires further on-site soil and up-gradient groundwater
investigation. 12/10/18-Hiralkumar Patel. 2:08 PM:- received call from Fulya. informed her that
based on review of available information, further investigation is required to confirm
presence/absence of on-site source for chlorinated solvent contamination via installation of
on-site soil boring(s) in northeast corner of the site and off-site well up-gradient of the
property. during installation of soil boring/well, soil must be screened continuously with PID.
01/03/19-Hiralkumar Patel. 1:05 PM:- received email form Greg including a site pic with proposed
location of on-site boring and off-site well. he mentioned that upto three soil samples will be
collected based on visual/PID readings during on-site boring installation in site's NE corner. one
groundwater sample will be collected from proposed well GW-5 on west side of 78th St (in line
between CVOC impact in NE corner of the site and a dry cleaner at 78-12 Linden Blvd).
soil/groundwater samples will be analyzed for 8260 only.
01/04/19-Hiralkumar Patel. 9:28 AM:- sent
email to Greg and asked him to screen soil during installation of well GW-5 also. email copied to
Fulya. 01/14/19-Hiralkumar Patel. 9:00 AM:- visited site and met Fulya. a temporary well was
installed on west side of 78th St. no signs of contamination noted in soil. groundwater sample was
collected from the temporary well. a soil boring installed in

OPEN YARD (Continued) **S121985759**

northeast corner of the site. no
signs of contamination noted in soil. one soil sample from 0-2 ft interval collected for analysis.
02/05/19-Hiralkumar Patel. 12:51 PM:- received email from Fulya including result of groundwater
sample from off-site well and soil sample from 0-2 ft bg in NE corner of the site. no contamination
noted in off-site groundwater sample, but noted CVOC in shallow soil sample from site's NE corner
where CVOCs noted in groundwater samples during previous investigations. soil analyticals (in ppb)
----------SB-3/C-1 0-2 ft
cis-1,2-Dichloroethene-------2,100 Vinyl
Chloride----------880 Tetrahydrofuran----------210
02/06/19-Hiralkumar Patel.
discussed with DEC Austin and DEC Jane. based on review of all available investigation results,
further investigation is needed and case will be managed by Section A. 12:31 PM:- sent p-site memo
to DEC Jane. email copied to DEC Austin. 02/20/19-Hiralkumar Patel. as previously discussed, case
assigned to DEC Jane. 2:28 PM:- sent email to Fulya and informed her about case transfer to Section
A. 3/30/21 - spill closed - see site no 224297. (JHO)

Remarks: caller reporting 125 55 gallon drums on property and some are leaking. There are also other issues on the property

All Materials:

Site ID:	569814
Operable Unit ID:	1317663
Operable Unit:	01
Material ID:	2325502
Material Code:	9999
Material Name:	other - unknown type oil - ?heating oi
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

C12 **329 AMBER STREET** **NY SHWS** **S132119367**
WSW **329 AMBER STREET** **N/A**
< 1/8 **BROOKLYN, NY 11208**
0.044 mi.
234 ft. **Site 2 of 8 in cluster C**

Relative:
Higher

Actual:
7 ft.

SHWS:

Name:	329 AMBER STREET
Address:	329 AMBER STREET
City,State,Zip:	BROOKLYN, NY 11208
Program:	HW
Site Code:	590080
Classification:	N
Region:	2
Acres:	0.180

329 AMBER STREET (Continued) **S132119367**

HW Code: 224297
Record Add: 05/31/2019
Record Upd: 06/06/2024
Updated By: SXDEYETT
Site Description: "Location: The 8,000-square-foot (0.18 acre) site is in East New York, Brooklyn and is identified as Block 4997, Lot 19 on the NYC tax map bearing address 329 Amber Street (with an alternate address of 110 Sapphire Street). Site Features: The subject site is an open lot surrounded by commercial properties (construction material storage yards) to the north and south, Amber Street followed by a residential redevelopment site to the west and Sapphire Street to the east. It was used to store drums and vehicles. The site is surrounded by a metal fence and can be accessed through a gate. Current Zoning and Land Use: The current zoning designation is R4 (residential). There are two manufacturing zones within 1500 feet (M1-1 and M3-1, west and south west respectively). Past Use of the Site: The site has been used for storage of commercial trucks and building materials. A violation was issued to the property owner by the Environmental Control Board in 2007 for illegal commercial parking in a residential district. Site Geology and Hydrogeology: Brown loamy sand was noted from surface to 5 feet below grade where groundwater was encountered."
Not reported
Env Problem: "Nature and Extent of Contamination: Based on the investigations conducted to date, the primary contaminants of concern for the site include volatile organic compounds (VOCs) in soil and groundwater. Soil - The VOC cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride were found in shallow soil (0-5 feet below grade surface). Cis-1,2-DCE was found in the northeastern portion of the site. The maximum concentration (2.3 parts per million, or ppm) exceeds the applicable Protection of Groundwater Soil Cleanup Objective (PGSCO) of 0.25 ppm but does not exceed the residential use soil cleanup objective (RRSCO) of 59 ppm. Vinyl chloride was detected at a maximum concentration of 0.8 ppm as compared to the PGWSCO of 0.02 ppm. Groundwater- Cis-1,2-DCE was found in groundwater at a maximum concentration of 520 parts per billion (ppb), which exceeds the Ambient Water Quality Standard (AWQS) of 5 ppb. Soil Vapor- No soil vapor data has been collected to date. "
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: 05
Owner Name: Saied Soleimani
Owner Company: 4 S Development LLC c/o Vivid Management
Owner Address: 55 Northern Boulevard, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Great Neck, NY 11021

329 AMBER STREET (Continued) **S132119367**

Owner Country:	United States of America
Own Op:	4
Sub Type:	05
Owner Name:	Saied Soleimani
Owner Company:	4 S Development LLC c/o Vivid Management
Owner Address:	55 Nothern Boulevard, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Great Neck, NY 11021
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

C13 **HERTIAGE GOLD MINE MARINE SVC** **EDR Hist Auto** **1020547247**
WNW **315 AMBER ST** **N/A**
< 1/8 **BROOKLYN, NY 11208**
0.047 mi.
248 ft. **Site 3 of 8 in cluster C**

Relative: EDR Hist Auto
Higher

Actual: **7 ft.**

Year:	Name:	Type:
2007	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2008	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2009	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2010	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2011	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2012	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC
2013	HERTIAGE GOLD MINE MARINE SVC	Gasoline Service Stations, NEC

D14 **CON EDISON** **RCRA NonGen / NLR** **1018279774**
SSE **149-22 79TH ST** **FINDS** **NYP004746210**
< 1/8 **HOWARD BEACH, NY 11414** **ECHO**
0.051 mi.
270 ft. **Site 1 of 4 in cluster D**

Relative: RCRA Listings:
Lower

Actual: **4 ft.**

Date Form Received by Agency:	20150308
Handler Name:	Con Edison
Handler Address:	79th St
Handler City,State,Zip:	HOWARD BEACH, NY 11414
EPA ID:	NYP004746210
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

CON EDISON (Continued) **1018279774**

EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CON EDISON (Continued) **1018279774**

Historic Generators:
- Receive Date: 20150308
- Handler Name: CON EDISON
- Federal Waste Generator Description: Large Quantity Generator
- State District Owner: Ny
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: No
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

- Receive Date: 20150308
- Handler Name: CON EDISON
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Ny
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

FINDS:
- Registry ID: 110067695685

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1018279774
- Registry ID: 110067695685

CON EDISON (Continued) **1018279774**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067695685
Name: CON EDISON
Address: 149-22 79TH ST
City,State,Zip: HOWARD BEACH, NY 11414

D15 **CON EDISON** **NY MANIFEST** **S118708366**
SSE **149-22 79TH ST** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.051 mi.
270 ft. **Site 2 of 4 in cluster D**

Relative: **Lower**
Actual: **4 ft.**

NY MANIFEST:
EPA ID: NYP004746210
Country: USA
Name: CON EDISON
Address: 149-22 79TH ST
Address 2: Not reported
City,State,Zip: HOWARD BEACH, NY 11414
Zip 4: Not reported
Location Address 1: F/O 149-27 79TH ST
Location Address 2: SB 67496
Location City,State,Zip: QUEENS, NY 11419
Location Zip 4: Not reported
Facility Status: Not reported
Total Tanks: Not reported
Code: BP

Mailing:
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City,State,Zip: NEW YORK, NY 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Manifest Data:
Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Year: 2018
Trans2 State ID: Not reported
Generator Ship Date: 03/08/2015
Trans1 Recv Date: 03/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/10/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004746210
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002618960GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

CON EDISON (Continued) **S118708366**

Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	200
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

D16 **CON EDISON** **NJ MANIFEST** **S120668571**
SSE **149-22 79TH ST** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.051 mi.
270 ft. **Site 3 of 4 in cluster D**

Relative: **Lower**

Actual: **4 ft.**

NJ MANIFEST:

EPA ID:	NYP004746210
Name:	CON EDISON
Address:	149-22 79TH ST
City,State,Zip:	HOWARD BEACH, NY 11414
County:	Not reported
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	NYP004746210

CON EDISON (Continued) **S120668571**

Manifest Number:	002618960GBF
Date Shipped:	3/8/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

B17 **78-15 LINDEN BOULEVARD** **NY NYC OER** **S129932639**
NNW **78-15 LINDEN BLVD** **N/A**
< 1/8 **QUEENS, NY**
0.061 mi.
322 ft. **Site 9 of 15 in cluster B**

Relative:
Higher

Actual:
10 ft.

NYC OER:

Name:	78-15 LINDEN BOULEVARD
Address:	78-15 LINDEN BLVD
City,State,Zip:	QUEENS, NY
Latitude:	40.6703
Longitude:	-73.857025
OER Project Numbers:	15TMP0255Q,15EHAZ255Q
BBL:	4.1137600234113704E+19
OER Program:	E/RD (Review)
Class:	Completed (C)
Phase:	Site Management

78-15 LINDEN BOULEVARD (Continued) **S129932639**

URL:	https://a002-epic.nyc.gov/app/workspace/2765/docrepository
Postcode:	10
Community Board:	32
Council District:	6202
Census Tract:	4617796
BIN:	4113760023
NTA:	Lindenwood-Howard Beach

D18 **SPILL NUMBER 0212292** **NY LTANKS** **S105998392**
SSE **150-15 79TH AVE** **N/A**
< 1/8 **JAMAICA, NY**
0.062 mi.
325 ft. **Site 4 of 4 in cluster D**

Relative: LTANKS:
Lower

Actual:
3 ft.

Name:	SPILL NUMBER 0212292
Address:	150-15 79TH AVE
City,State,Zip:	JAMAICA, NY
Spill Number/Closed Date:	0212292 / 2004-04-30
Facility ID:	0212292
Site ID:	82313
Spill Date:	2003-03-14
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-03-14
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-14
Spill Record Last Update:	2004-07-16
Spiller Name:	ANGEL / CONTROLED COMBUST
Spiller Company:	150-15 79TH AVE
Spiller Address:	150-15 79TH AVE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	75914
Latitude:	40.6678415
Longitude:	-73.8555564
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO 3/14/03 TIPPLE SENT TTF LETTER 3/19/03 - JZ: From the owner N. Schneider, it was found that old petrometer line was cut and installed a new petrometer. That old line caused not holding the vaccum. Contractor will send in a statement that there is no visual soil contamination and vapor found during open up the top of the tank. 4/30/04 - The above statement has received from Controlled

SPILL NUMBER 0212292 (Continued) **S105998392**

Combustion. Spill is closed.
Remarks: Not reported

All TTF:
Facility ID: 0212292
Spill Number: 0212292
Spill Tank Test: 1528090
Site ID: 82313
Tank Number: 1
Tank Size: 7500
Material: 0003
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 82313
Operable Unit ID: 863305
Operable Unit: 01
Material ID: 512029
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

A19 **LOT 27,TAXBLOCK 4496** **NY E DESIGNATION** **S121343893**
SW **1449 LORING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.063 mi.
331 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:
Name: LOT 27,TAXBLOCK 4496
Address: 1449 LORING AVENUE
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 27
Tax Block: 4496
Borough Code: Not reported
E-No: E-432
Effective Date: Not reported
Satisfaction Date: Not reported
Ceqr Number: 17DCP155K
Ulurp Number: 170430ZMK 170431ZRK
Zoning Map No: 18b

LOT 27,TAXBLOCK 4496 (Continued) **S121343893**

Description: Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

C20 **LOT 18,TAXBLOCK 4496** **NY E DESIGNATION** **S121343864**
WSW **336 AMBER STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.066 mi.
348 ft. **Site 4 of 8 in cluster C**

Relative: **Higher**
Actual: **7 ft.**

E DESIGNATION:
Name: LOT 18,TAXBLOCK 4496
Address: 336 AMBER STREET
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 18
Tax Block: 4496
Borough Code: Not reported
E-No: E-432
Effective Date: Not reported
Satisfaction Date: Not reported
Ceqr Number: 17DCP155K
Ulurp Number: 170430ZMK 170431ZRK
Zoning Map No: 18b

Description: Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

C21 **LOT 48,TAXBLOCK 4496** **NY E DESIGNATION** **S121343946**
WSW **EMERALD STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.069 mi.
362 ft. **Site 5 of 8 in cluster C**

Relative: **Higher**
Actual: **7 ft.**

E DESIGNATION:
Name: LOT 48,TAXBLOCK 4496
Address: EMERALD STREET
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 48
Tax Block: 4496
Borough Code: Not reported
E-No: E-432
Effective Date: Not reported
Satisfaction Date: Not reported
Ceqr Number: 17DCP155K
Ulurp Number: 170430ZMK 170431ZRK
Zoning Map No: 18b

Description: Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

C22 **LOT 1,TAXBLOCK 4496** **NY E DESIGNATION** **S121343825**
WSW **LINDEN BOULEVARD** **N/A**
< 1/8 **BROOKLYN, NY**
0.078 mi.
411 ft. **Site 6 of 8 in cluster C**

Relative: **Higher**
Actual: **9 ft.**

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 4496
Address:	LINDEN BOULEVARD
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	4496
Borough Code:	Not reported
E-No:	E-432
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	17DCP155K
Ulurp Number:	170430ZMK 170431ZRK
Zoning Map No:	18b
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

B23 **J & A SERVICE STATION** **EDR Hist Auto** **1020631791**
NNW **78-01 LINDEN BLV** **N/A**
< 1/8 **OZONE PARK, NY 11414**
0.081 mi.
427 ft. **Site 10 of 15 in cluster B**

Relative: **Higher**
Actual: **9 ft.**

EDR Hist Auto

Year:	Name:	Type:
1969	J & A SERVICE STATION	Gasoline Service Stations
1970	J & A SERVICE STATION	Gasoline Service Stations
1971	J & A SERVICE STATION	Gasoline Service Stations
1972	J & A SERVICE STATION	Gasoline Service Stations
1973	J & A SERVICE STATION	Gasoline Service Stations
1974	J & A SERVICE STATION	Gasoline Service Stations
1975	J & A SERVICE STATION	Gasoline Service Stations
1975	VITA ANTHONY	Gasoline Service Stations
1976	VITA ANTHONY	Gasoline Service Stations
1977	VITA ANTHONY	Gasoline Service Stations
1978	VITA ANTHONY	Gasoline Service Stations
1979	VITA ANTHONY	Gasoline Service Stations
1979	VITA ANTHONY	Gasoline Service Stations
1980	VITA ANTHONY	Gasoline Service Stations
1982	VITA ANTHONY	Gasoline Service Stations
1983	VITA ANTHONY	Gasoline Service Stations
1994	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1995	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1996	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1997	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1998	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
1999	LINDEN GETTY SERVICE STATION	Gasoline Service Stations
2000	LINDEN GETTY SERVICE STATION	Gasoline Service Stations

B24 **GETTY GAS STATION** **NY AST** **A100166539**
NNW **78-01 LINDEN BOULEVARD** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.081 mi.
427 ft. **Site 11 of 15 in cluster B**

Relative:
Higher

Actual:
9 ft.

AST:

Name:	GETTY GAS STATION
Address:	78-01 LINDEN BOULEVARD
City,State,Zip:	HOWARD BEACH, NY 11414
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-326569
Program Type:	PBS
UTM X:	596581.67612
UTM Y:	4502806.32757
Expiration Date:	N/A
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	15221
Affiliation Type:	Facility Operator
Company Name:	GETTY GAS STATION
Contact Type:	Not reported
Contact Name:	GAS STATION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 296-4085
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2013-11-29

Site Id:	15221
Affiliation Type:	Facility Owner
Company Name:	JSB REALTY NO 2 LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	15 OCEAN AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(718) 703-8441
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-12

Site Id:	15221
Affiliation Type:	Emergency Contact
Company Name:	JSB REALTY NO 2 LLC
Contact Type:	Not reported
Contact Name:	DAVID BAWABEH

GETTY GAS STATION (Continued) **A100166539**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 703-8444
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2013-12-12

Site Id:	15221
Affiliation Type:	Mail Contact
Company Name:	CHEYENNE REALTY AND BERMUDA REALTY
Contact Type:	Not reported
Contact Name:	DAVID BAWABEH
Address1:	15 OCEAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(917) 952-3711
EMail:	SOLYD@BAWABEH.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-12

Tank Info:

Tank Number:	005
Tank Id:	54244
Material Code:	ZZZZ
Common Name of Substance:	Invalid Material - Please Fix

Equipment Records:

J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None

Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	ZZ
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

GETTY GAS STATION (Continued) **A100166539**

Date Tank Closed:	10/01/1998
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	invalid material - please fix
Tank Number:	006
Tank Id:	54245
Material Code:	ZZZZ
Common Name of Substance:	Invalid Material - Please Fix

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping

Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	ZZ
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/1998
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	invalid material - please fix

B25 **GETTY GAS STATION #58605** **NY Spills** **S109371845**
NNW **78 -01 LINDEN BLVD** **N/A**
< 1/8 **HOWARD BEACH, NY**
0.081 mi.
427 ft. **Site 12 of 15 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	GETTY GAS STATION #58605
Address:	78 -01 LINDEN BLVD
City,State,Zip:	HOWARD BEACH, NY
Spill Number/Closed Date:	0807169 / 2008-11-24
Facility ID:	0807169
Facility Type:	ER
DER Facility ID:	353762
Site ID:	404496
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	4101

GETTY GAS STATION #58605 (Continued) **S109371845**

Spill Date:	2008-09-25
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-09-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-09-25
Spill Record Last Update:	2008-11-24
Spiller Name:	MIKE CARR
Spiller Company:	GETTY GAS STATION #58605
Spiller Address:	78-01 LINDEN BLVD
Spiller Company:	999
Contact Name:	MIKE CARR
Latitude:	40.6704880
Longitude:	-73.8572970
DEC Memo:	minor spill
Remarks:	Residue escaped during housekeeping.

All Materials:

Site ID:	404496
Operable Unit ID:	1161152
Operable Unit:	01
Material ID:	2152342
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

B26 **GETTY GAS STATION** **NY UST** **U004077383**
NNW **78-01 LINDEN BOULEVARD** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.081 mi.
427 ft. **Site 13 of 15 in cluster B**

Relative:
Higher

Actual:
9 ft.

UST:

Name:	GETTY GAS STATION
Address:	78-01 LINDEN BOULEVARD
City,State,Zip:	HOWARD BEACH, NY 11414
Id/Status:	2-326569 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	596581.67612

GETTY GAS STATION (Continued) **U004077383**

UTM Y: 4502806.32757
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 15221
Affiliation Type: Facility Operator
Company Name: GETTY GAS STATION
Contact Type: Not reported
Contact Name: GAS STATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 296-4085
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-11-29

Site Id: 15221
Affiliation Type: Facility Owner
Company Name: JSB REALTY NO 2 LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 15 OCEAN AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11225
Country Code: 001
Phone: (718) 703-8441
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-12-12

Site Id: 15221
Affiliation Type: Emergency Contact
Company Name: JSB REALTY NO 2 LLC
Contact Type: Not reported
Contact Name: DAVID BAWABEH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 703-8444
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2013-12-12

Site Id: 15221
Affiliation Type: Mail Contact
Company Name: CHEYENNE REALTY AND BERMUDA REALTY

GETTY GAS STATION (Continued) **U004077383**

Contact Type:	Not reported
Contact Name:	DAVID BAWABEH
Address1:	15 OCEAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11225
Country Code:	001
Phone:	(917) 952-3711
EMail:	SOLYD@BAWABEH.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-12

Tank Info:

Tank Number:	001
Tank ID:	26569
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1978
Date Tank Closed:	11/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	05/16/2011
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	002
Tank ID:	26570
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	05/01/1972

GETTY GAS STATION (Continued) **U004077383**

Date Tank Closed: 11/19/2013
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 05/16/2011
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 003
Tank ID: 54242
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 240
Install Date: 10/01/1998
Date Tank Closed: 11/19/2013
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

J00 - Dispenser - None
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground

GETTY GAS STATION (Continued) **U004077383**

G00 - Tank Secondary Containment - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	004
Tank ID:	54243
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	240
Install Date:	10/01/1998
Date Tank Closed:	11/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
I00 - Overfill - None
J00 - Dispenser - None
H05 - Tank Leak Detection - In-Tank System (ATG)

B27 **GETTY S/S #58605 - GETTY PROPERTIES** **NY LTANKS S103485189**
NNW **78-01 LINDEN BLVD** **NY Spills N/A**
< 1/8 **HOWARD BEACH, NY**
0.081 mi.
427 ft. **Site 14 of 15 in cluster B**

Relative: **Higher**
Actual: **9 ft.**

LTANKS:

Name:	GETTY SERVICE STATION
Address:	78-01 LINDEN BLVD
City,State,Zip:	HOWARD BEACH, NY
Spill Number/Closed Date:	9713656 / 2005-05-12
Facility ID:	9713656
Site ID:	135298
Spill Date:	1998-03-10
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

SWIS:	4101
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	1998-03-10
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-10
Spill Record Last Update:	2005-05-12
Spiller Name:	OTTO DEBENEDICTIS
Spiller Company:	GETTY SERVICE STATION
Spiller Address:	78-10 LINDEN BLVD
Spiller County:	001
Spiller Contact:	OTTO DEBENEDICTIS
Spiller Phone:	(516) 249-3150
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	217636
Latitude:	40.6700722
Longitude:	-73.8570327
DEC Memo:	3/14/05 - Austin - Transferrd from O'Dowd to Vought - end 5/12/05-Vought-This spill closed and referred to open spill #9808553 at same location.
Remarks:	CALLER HAS CREW ON SITE TO RELOCATE FUEL TANK - UPON THEIR ARRIVAL THEY FOUND TANK TO BE LEAKING - NO CLEAN UP PRESENT TIME

All Materials:

Site ID:	135298
Operable Unit ID:	1056508
Operable Unit:	01
Material ID:	324658
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	90.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	GETTY S/S #58605 - GETTY PROPERTIES
Address:	78-01 LINDEN BLVD
City,State,Zip:	HOWARD BEACH, NY
Spill Number/Closed Date:	9808553 / 2013-06-12
Facility ID:	9808553
Facility Type:	ER
DER Facility ID:	217636
Site ID:	267159
DEC Region:	2

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	1998-10-09
Investigator:	KGHALE
Referred To:	WELL IN MEDIAN 12/2008, ANTHER ALTERNATIVE
Reported to Dept:	1998-10-09
CID:	323
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1998-10-09
Spill Record Last Update:	2013-06-12
Spiller Name:	Not reported
Spiller Company:	GETTY SERVICE #58605
Spiller Address:	78-01 LINDEN BLVD
Spiller Company:	001
Contact Name:	Not reported
Latitude:	40.6704885
Longitude:	-73.8572267
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 3/14/03 REASSIGNED FROM ROMMEL TO VOUGHT. 5/12/05-Vought-File review by Vought: See also closed spill #9713656 at same location with caller remarks Caller has crew onsite to relocate fuel tank -upon their arrival they found tank to be leaking-no cleanup present time . Tank Closure Report (Tyree Org)-March 1999. Reason for tank upgrade was Federal EPA mandate. Two pump islands located adjacent to Linden Blvd. Upgrade for two (4000-gallon) gasoline USTs included replacement of existing pump islands, installation of secondary containment piping, installation of cathodic protection. Removal of ten (550-gallon) gasoline USTs, one (550-gallon) waste oil UST and one (550-gallon) fuel oil UST. Six endpoint soil samples obtained around existing tankfield and ten endpoint soil samples collected from around former ten (550) tankfield. One endpoint sample collected from fuel oil UST location. Soil analyticals show 195ppb benzene(S2 3'bg), 72760ppb xylene(S2 3'bg), 260000ppb 1,2,4-trimethylbenzene(S2 3'bg), 4490ppb MTBE(S2 3'bg), 1970ppb MTBE(S4 3'bg), 1970ppb xylene(S6 3'bg), 8260ppb MTBE(S6 3'bg), 2220ppb toluene(S7 5'bg), 68000ppb xylene(S7 5'bg), 1190ppb MTBE(S7 5'bg), 420ppb MTBE(S8 5'bg), 250ppb MTBE(S9 5'bg), 2270ppb xylene(S11 4'bg), 71ppb benzene(S13 4'bg), 28700ppb ethylbenzene(S13 4'bg), 58864ppb xylene(S13 4'bg), 362000ppb 1,2,4-trimethylbenzene(S13 4'bg) and 516ppb MTBE(S13 4'bg).

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

Approximately 213.31 tons of soil were
removed from the site. Subsurface Investigation Report (Tyree Org)
November 2000. Groundwater at
12' below grade. Eleven soil borings performed with collection of soil
samples and groundwater
samples. Soil analyticals show 2560ppb benzene(SB3 8-12'bg), 39900ppb
ethylbenzene(SB3 8-12'bg),
62300ppb xylene(SB3 8-12'bg), 220ppb MTBE(SB3 8-12'bg). Groundwater
analyticals show: 160ppb
benzene(SB1), 53ppb toluene(SB1), 69ppb ethylbenzene(SB1), 362ppb
xylene(SB1), 120ppb MTBE(SB1),
577ppb benzene(SB3), 2910ppb toluene(SB3), 3610ppb ethylbenzene(SB3),
18600ppb xylene(SB3), 6370ppb
MTBE(SB3), 1760ppb benzene(SB4), 202ppb toluene(SB4), 983ppb
ethylbenzene(SB4), 856ppb xylene(SB4),
3420ppb MTBE(SB4), 1080ppb benzene(SB5), 1240ppb ethylbenzene(SB5),
3280ppb xylene(SB5), 1190ppb
MTBE(SB5), 2660ppb benzene(SB6), 147ppb toluene(SB6), 2480ppb
ethylbenzene(SB6), 7240ppb MTBE(SB6),
227ppb benzene(SB8), and 37ppb MTBE(SB8), 1570ppb napthalene(SB5).
Quarterly Monitoring Reports
(Tyree Org) January 2001 thru July 2001. Four monitoring wells onsite.
Groundwater at depth of
9-11' below grade and regional groundwater flow is southwesterly .
Quarterly Monitoring Reports
(Tyree Org) August 2001 thru March 2003. Seven monitoring wells
onsite. Groundwater at depth of
9-11' below grade and regional groundwater flow is southwesterly . EVR
on wells W1 and W2 during
entire period. Groundwater analyticals from March 2003 show: 2880ppb
benzene(W1), 678ppb
toluene(W1), 1420ppb ethylbenzene(W1), 5108ppb xylene(W1), 606ppb
MTBE(W1), 163ppb benzene(W4),
531ppb MTBE(W4). Letter from Tyree (Hatcher) to DEC Rommel-6/12/03.
Proposal for the installation
of one additional well to the south of the pump islands . Unless you
indicate otherwise, Tyree will
proceed with the work mentioned above at our earliest convenience .
Letter from DEC Vought to Tyree
(Hatcher)-6/25/03. The NYSDEC appoves the work proposals submitted on
June 12, 2003 for additional
soil and groundwater investigation... Quarterly Monitoring Reports
(Tyree Org) April 2003 thru Sept
2003. Seven monitoring wells onsite. Groundwater flow to the southwest
and at depths of 7-10'bg.
EVR on wells W1 and W2 on 7/25/03. Subsurface Investigation Report
(Tyree Org)-1/20/04.
Installation of one monitoring well. Soil analyticals show 1473ppb
xylene(MW8 7-9'bg), 6210ppb
1,2,4-rimethylbenzene(MW8 7-9'bg), 289ppb MTBE(MW8 7-9'bg).
Groundwater analyticals show: 6350ppb
benzene(MW8), 6080ppb toluene(MW8), 4000ppb ethylbenzene(MW8),
18050ppb xylene(MW8) and 6430ppb
MTBE(MW8). Quarterly Monitoring Reports (Tyree Org) October 2003 thru
March 2005. Eight monitoring
wells onsite. Groundwater flow to the southwest and at depths of
8-10'bg. EFR conducted on wells

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

1,2 and 8 ona quarterly basis . Groundwater analyticals show 5010ppb benzene(W1), 323ppb toluene(W1), 2370ppb ethylbenzene(W1), 4730ppb xylene(W1), 822ppb MTBE(W1), 97ppb benzene(W2), 7ppb ethylbenzene(W2), 36ppb xylene(W2), 8ppb MTBE(W3), 12ppb benzene(W4), 25ppb ethylbenzene(W4), 137ppb xylene(W4), 16ppb MTBE(W4), 13ppb MTBE(W5), 1010ppb benzene(W8), 188ppb toluene(W8), 705ppb ethylbenzene(W8), 4060ppb xylene(W8), 6860ppb MTBE(W8). 5/12/05-Vought-DEC reqiures: 1)surrounding area site plan 2)delineation downgradient of W8 3)soil contamination plume map. 5/13/05-Vought-Sent letter with above requirements to Getty Marketing(current owner on PBS) and Getty Properties. 08/31/2005 - Feng - Project transferred from Vought to Feng. 11/1/2005 - Feng - Subsurface Investigation Report, 8/25/2005. On 8/11/2005, Tyree performed monitoring well, W-9. W-9 located across Linden Blvd East. Groundwater encountered at 9' below grade and drill ended at 20' bg. Only groundwater sample found to be 7.73ppb total Xylene and 11ppb 1,2,4-Trimethylbenzene which are slightly above standard. Based on this report, Tyree recommended no need to further delineate offsite. And continue with the quarterly groundwater monitoring in all 9 monitoring wells. Also continue with the EVFR program on the on-site wells. 11/1/2005 - Feng - Quarterly Monitoring Report, 7/2005 - 9/2005. Currently the site was active Getty gasoline service station. 9 monitoring wells on and off-site. Regional groundwater flows to southwest. EVFR conducted on wells 1,2 and 8 on a quarterly basis. W-1, decreasing, 5,986 BTEX and 367 MTBE. W-2, decreased and remains, 145 BTEX and 7 MTBE. W-3, low, 2 MTBE. W-4, decreasing, 23 BTEC and 2 MTBE. W-5, MDL most of the time, 14 MTBE. W-6, MDL most of the time, 2 MTBE. W-7, MDL most of the time. W-8, product has been present (12/10/04), 16,117 BTEX and 23,500 MTBE. W-9, 4 MTBE. 11/28/2005 - Feng - STIP sent to Getty Properties with request of propose of RAP. CC to Tyree and Delta. STIP due 1/5/2006. 1/6/2006 - Feng - Meeting with Paul Hatcher (Tyree) and Paul Lindell (Delta). STIP cancelled. Need tank test of the USTs first. If new release happened, STIP would send to Getty Marketing. Then RAP propose (like chemical oxidation, bioremediation) to knock down the concentration. (RJF) 1/9/2006 - Feng - Quarterly Monitoring Report, 10/2005 - 12/2005. The site is currently an acitve Getty gasoline service station. Regional groundwater flows to southwest at depth of 8.06' to 10.16' below grade. There are 9 monitoring wells on and off site. W-1, increased and 6,320 ppb BTEX, 332 ppb MTBE. W-2, decreased and 49 ppb BTEX, 3 ppb MTBE. W-3, BTEX MDL, 2 ppb MTBE. W-4, decreased and 9 ppb BTEX, 2 ppb MTBE. W-5, BTEX MDL, decreased and 9 ppb MTBE. W-6, BTEX MDL, 2

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

ppb MTBE. W-7, BTEX and MTBE
MDL. W-8, increased and 20,613 ppb BTEX, remains high and 23,100 ppb MTBE. W-9, BTEX MDL, increased
and 32 ppb MTBE. EVFR conducted on wells 1,2, and 8 on a quarterly basis. (RJF) 1/9/2006 - Feng -
Tank and line test request to Getty Marketing, due 2/9/2006. CC to Getty Properties, Tyree and
Delta. (RJF) 2/17/2006 - Feng - Email Shawn Healey and remind him tank test overdue. (RJF) 3/1/2006
- Feng - Reviewed Tank Test Reports, dated 8/14/2001 (2 Tanks, passed), 11/12/2003 (2 tanks and 2
lines, passed), 8/4/2004 (2 lines, passed), and 10/5/2005 (2 lines, passed). (RJF) 4/10/2006 - Feng
- database updated - 4/7/2006 emailed to Paul Lindell and Paul Hatcher for localized treatment for
this site. (RJF) 5/4/2006 - Feng - Quarterly Monitoring Report, 1/2006 - 3/2006. Active Getty
gasoline service station. Regional groundwater flow is southwesterly at depth of 8.13' to 10.10'
bg. Sampling and monitoring as of 3/14/2006. W-1, 7,332 ppb BTEX (3,240 ppb B, 212 ppb T, 1,190 ppb
E, 2,690 ppb X), 376 ppb MTBE. W-2, 39 ppb BTEX (33 ppb B), 3 ppb MTBE. W-3, BTEX MDL, 2 ppb MTBE.
W-4, 2 ppb BTEX, 1 ppb MTBE. W-5, BTEX MDL, 7 ppb MTBE. W-6, BTEX MDL, 6 ppb MTBE. W-7, MDL. W-8,
17,716 ppb BTEX (4,190 ppb B, 216 ppb T, 2,110 ppb E, 11,200 ppb X), 19,600 ppb MTBE. W-9, BTEX
MDL, 12 ppb MTBE. (RJF) 8/7/2006 - Feng - Stipulation Agreement sent to Kevin Shea (Getty
Properties), due 8/30/2006. (RJF) 9/6/2006 - Feng - Remedial Action Plan, dated 8/31/2006,
submitted by Tyree Brothers. Tyree proposed to conduct EVFR events and natural attenuation for this
site. EVFR will be applied on W-1 and W-2. Monthly gauging for DTW, and sampling groundwater
quarterly. Emailed Rob Szczepanski (Tyree) for 1) EVFR on W-8 since W-8 is the hot spot and it is
about 45' to 50' away from W-1. 2) EVFR frequency. 3) Well logs for those EVFR wells to check the
screen interval for the EVFR events. (RJF) 9/15/2006 - Feng - 6 monthly EFR events on W-1 and W-2.
DEC approved the RAP and required biweekly EFR on W-8 for first 3 months and monthly for the next 3
months for better hydraulic control in case the contamination underneath the pump islands were
pulled out. Approval letter sent to Kevin Shea (Getty Properties). RAP will be implemented by
10/20/2006. (RJF) 10/17/2006 - Feng - Quarterly Monitoring Report, 7/2006 - 9/2006, 9/11/2006, by
Tyree. Samped and gauged on 9/6/2006. 9 monitoring wells. DTW 7.81' to 10.11' bg. Regional flow to
southwest. No LNAPL. BTEX range non-detect to 24,605 ppb (W-8). MTBE range non-detect to 10,300 ppb
(W-9). 1/18/2007 - Feng - Getty Properties portfolio meeting with Tyree and Delta. EFR events
conducted. 0.02' of LNAPL presented in W-8 after EFR events. Tyree will continue monthly EFR events

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

for 6 months. (RJF) 1/23/2007 - Feng - Quarterly Monitoring Report, 10/2006 - 12/2006, 1/2/2007, by Tyree. Groundwater sampled 12/22/2006. 9 monitoring wells. DTW 8l.84' to 10.27' bg. Regional flow southwest. LNAPL 0.02' in W-8. W-1, 8,151 ppb BTEX, 316 ppb MTBE. W-2, 70 ppb BTEX, 4 ppb MTBE. W-3, BTEX MDL, 2 ppb MTBE. W-4, MDL. W-5, BTEX MDL, 8 ppb MTBE. W-6, BTEX MDL, 2 ppb MTBE. W-7, MDL. W-9, not accessible. (RJF) 6/28/2007 - Feng - Quarterly Monitoring Report, 1/2007 - 3/2007, 4/2007. Groundwater sampled 3/27/2007. 9 monitoring wells. DTW 8.08' to 10.07' bg. Regional flows to southwest. No LNAPL. W-1, 4,132 ppb BTEX, 280 ppb MTBE. W-2, 38 ppb BTEX, 1 ppb MTBE. W-3, 3 ppb BTEX, 8 ppb MTBE. W-4, 25 ppb BTEX, 3 ppb MTBE. W-5, W-6, W-7, MDL. W-8, 7,249 ppb BTEX, 827 ppb MTBE. W-9, 1 ppb BTEX, 3 ppb MTBE. (RJF) 9/27/2007 - Feng - Quarterly Monitoring Report, 4/2007 - 6/2007, 7/2007. Groundwater sampled 6/14/2007. 9 monitoring wells were sampled. DTW 8.58' to 10.02' bg. Regional groundwater flows is southwesterly. No LNAPL. W-1, 3,905 ppb BTEX, 259 ppb MTBE. W-2, 12 ppb BTEX, MTBE MDL. W-3, 3 ppb BTEX, 6 ppb MTBE. W-4, 9 ppb BTEX, MTBE MDL, Ethyl Alcohol MDL. W-5, BTEX MDL, 2 ppb MTBE, Ethyl Alcohol MDL. W-6, 1 ppb BTEX, 3 ppb MTBE, 5,900 ppb Ethyl Alcohol. W-7, BTEX MDL, 0.47 ppb MTBE. W-8, 23,751 ppb BTEX, 11,900 ppb MTBE. W-9, BTEX MDL, 2 ppb MTBE. (RJF) 11/8/2007 - Feng - Portfolio meeting with Delta and Tyree. Tyree is conducting quarterly EFR events on MW-1 and MW-8. Delta has sent the letter regarding the ethanol issue to Marketing. (RJF) 1/24/2008 - Feng - Quarterly Monitoring Report, 7/2007 - 9/2007, 10/2007. Active Getty gasoline service station. Groundwater gauged and sampled 9/25/2007. 9 monitoring wells. DTW 8.17' to 10.36' bg. Regional flows to southwest. No LNAPL. BTEX range ND to 15,603.5 ppb (W-8). MTBE range ND to 4,460 ppb (W-8). (RJF) 3/19/2008 - Feng - eDoc Quarterly Monitoring Report 4Q2007. (RJF) 3/24/2008 - Feng - Quarterly Monitoring Report, 10/2007 - 12/2007, 1/2008. Active Getty gasoline service station. Groundwater was gauged and sampled 12/20/2007. 9 monitoring wells. DTW 8.43' to 10.20' bg. Flows to southwest. No LNAPL. BTEX range ND to 12,085 ppb (MW-8). MTBE range 0.3 ppb to 2,300 ppb (MW-8). (RJF) 7/7/2008 - 1Q2008, 1/2008 - 3/2008, 4/2008. Active Getty gasoline service station. Groundwater was gauged and sampled 3/27/2008. 9 monitoring wells. DTW 8.39' to 10.05' bg. Flows to southwest. No LNAPL. BTEX range ND to 12,726 ppb (W-8). MTBE range ND to 2,880 ppb (W-8). Removed absorbent boom sock from W-2. (RJF) 9/4/2008 - Getty Properties portfolio meeting with Tyree and Delta. Try to put a well in the median next quarter, no work plan needed. Evaluate another alternative beside EFR on W-8. (RJF) 12/16/2008 - Email from Dennis

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

Madigan (Tyree). They are
having difficulty obtaining the permit to install the well in the
median. Due to this unforeseen
event, schedule the installation the well most likely for January
13th. (RJF) 1/6/2009 - Getty
Properties portfolio meeting with Tyree and Delta. If Tyree couldn't
get a permit, then submit a
work plan by 1/2009. (RJF) 1/12/2009 - email from Dennis Madigan. I've
received word that we have
the apparently 3 permits to go a head and drill at the above
referenced location. I'm currently
working with the Driller for a date when we can drill. It may happen
as early as either Thursday or
Friday or by next week. 1/22/2009 - email from Dennis Madigan. Drill
at the median is scheduled for
Jan 29th, 2009. (RJF) 3/17/2009 - Quarterly Monitoring Report, 4/2008
- 6/2008, 8/2008, by Tyree.
Active Getty gasoline service station. Groundwater was gauged and
sampled 6/27/2008. 9 monitoring
wells. NO LNAPL. DTW 8.39' to 10.20' bg. Flows to southwest. BTEX
range Nd to 20,435 ppb (W-8).
MTBE range ND to 4,100 ppb (W-8). (RJF) 5/8/2009 - Quarterly
Monitoring Report, 7/2008 - 9/2008,
11/2008, by Tyree. Active Getty gasoline service station. gorundwater
was gauged and sampled
9/9/2008. 9 monitoring wells. NO LNAPL. DTW 9.32' to 11.77' bg.
Regional flows to southwest. BTEX
range nd to 8,662 ppb (W-8). MTBE range ND to 597 ppb (W-8). Quarterly
Monitoring Report, 9/2008 -
11/2008, 12/2008, by Tyree. Active Getty gasoline service station.
Groundwtaer ws gauged and
sampled 11/25/2008. 9 monitoring wells. NO LNAPL. DTW 8.88' to 10.55'
bg. Flows to southwest. BTEX
range ND to 8,496 ppb (W-8). MTBE range ND to 489 ppb (W-8). Tyree is
currently in the process of
trying to obtain the necessary permits to install one monitoring well
in the median southwest of
Getty 58605. (RJF) 9/24/2009 - Subsurface Investigation Report, dated
6/6/2009, by Tyree. On
February 2 through 3, 2009, MW-10 was attempt to be installed to 8
feet bgs and hit refusal. 4
separate locations were attempted to drill with a hollow stem auger
using the split spoon method.
NO PID reading. 2 soil samples were collected. MW-10 (0-5') and MW-10
(5-8'), very small amount of
TEX, no exceedance. No groundwater was encountered at this depth.
(RJF) 2/1/2012 Getty portfolio
transferred to KGH. 3/14/2013 KGH meets with Tyree/Getty to discuss
remedial progress on various
sites. KGH agrees to review files and consider closure of select
cases. 6/12/2013 As evidenced by
this chronology, Tyree/Getty has conducted a long-term effort to clean
this site. A low-level
exceedence persists in the area of MW-1 and MW-8. These wells are
close to the tank-area and the
persistence of low-level dissolved may be related to small overfills.
Surrounding wells demonstrate

GETTY S/S #58605 - GETTY PROPERTIES (Continued) **S103485189**

that groundwater attenuates naturally in a very short distance and is not an off-site threat. The NYSDEC accepts the Tyree/Getty motion that they have done all that is feasible under the circumstances. Therefore, the Department is not requiring further action at this time. Spill is being closed as currently Not Meeting Standards. Additional data may be submitted in the future for consideration of an upgrade in closure status. NFA KGH

Remarks: WHILE DOING SOIL PRECLASSIFICATION FOR UPCOMING TANK UPGRADE, CONTAMINATED SOIL WAS LOCATED.

All Materials:

Site ID:	267159
Operable Unit ID:	1069735
Operable Unit:	01
Material ID:	316052
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

E28 **LOT 29,TAXBLOCK 4496** **NY E DESIGNATION** **S121343898**
West **LORING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11208**
0.084 mi.
441 ft. **Site 1 of 2 in cluster E**

Relative: **Higher**
Actual: **8 ft.**

E DESIGNATION:

Name:	LOT 29,TAXBLOCK 4496
Address:	LORING AVENUE
City,State,Zip:	BROOKLYN, NY 11208
Tax Lot(s):	29
Tax Block:	4496
Borough Code:	BK
E-No:	E-432
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	17DCP155K
Ulurp Number:	170430ZMK 170431ZRK
Zoning Map No:	18b
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

B29 **LOT 23,TAXBLOCK 11376** **NY E DESIGNATION** **S108077703**
North **78-15 LINDEN BOULEVARD** **NY NYC LAND USE** **N/A**
< 1/8 **QUEENS, NY 11414**
0.084 mi.
445 ft. **Site 15 of 15 in cluster B**

Relative:
Higher

Actual:
6 ft.

E DESIGNATION:

Name:	LOT 23,TAXBLOCK 11376
Address:	78-15 LINDEN BOULEVARD
City,State,Zip:	QUEENS, NY 11414
Tax Lot(s):	23
Tax Block:	11376
Borough Code:	QN
E-No:	E-93
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	91-152Q
Ulurp Number:	910332 ZMQ
Zoning Map No:	18a, 18b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

NYC LAND USE:

Name:	Not reported
Address:	78-15 LINDEN BOULEVARD
City,State,Zip:	QUEENS, NY 11414
Latitude:	40.6708046
Longitude:	-73.8569658
Type Of Ownership Code:	Not reported
Owner Name:	JSB REALTY NO. 3 LLC
Borough:	QN
Tax Block:	11376
Tax Lot:	23
Community District:	410
Census Tract 2020:	4006202
Census Block 2020:	40062021005
Census Tract 2010:	62.02
Census Block 2010:	1013
School District:	27
City Council District:	32
Fire Company:	E331
Police Precinct:	106
Health Center District:	45
Health Area:	3000
Sanitation District Boro:	4
Sanitation District Number:	10
Sanitation Subsection:	1D
Zoning District 1:	R4: Residential Districts
Zoning District 2:	Not reported
Zoning District 3:	Not reported
Zoning District 4:	Not reported
Commercial Overlay 1:	C2-2
Commercial Overlay 2:	Not reported
Special Purpose District 1:	Not reported
Special Purpose District 2:	Not reported
Special Purpose District 3:	Not reported
Limited Height District:	Not reported
Spill Boundary Indicator:	N

LOT 23,TAXBLOCK 11376 (Continued) **S108077703**

Building Class:	W9: EDUCATIONAL STRUCTURES - Miscellaneous
Land Use Category:	Public Facilities & Institutions
Number Of Easements:	0
Lot Area:	36112
Total Building Floor Area:	87436
Commercial Floor Area:	87436
Residential Floor Area:	0
Office Floor Area:	0
Retail Floor Area:	17245
Garage Floor Area:	20615
Storage Floor Area:	0
Factory Floor Area:	0
Other Floor Area:	49576
Total Building Floor Area Source Code:	2
Number Of Buildings:	1
Number Of Floors:	4.0000000
Residential Units:	0
Total Units:	2
Lot Frontage:	213.0800000
Lot Depth:	220.1300000
Building Frontage:	96.0000000
Building Depth:	220.0000000
Extension Code:	Not reported
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type/Grade:	2
Assessed Land Value:	1107450.00000
Assessed Total Value:	8018100.00000
Exempt Total Value:	0.00000
Year Built:	2018
Year Altered 1:	0
Year Altered 2:	0
Historic District Name:	Not reported
Landmark Status:	Not reported
Built Floor Area Ratio:	2.42000000000
Maximum Allowable Residential Far:	0.75000000000
Maximum Allowable Commercial Far:	0.00000000000
Maximum Allowable Community Facility Far:	2.00000000000
Boro Code:	4
Borough, Tax Block and Lot:	4113760023.00000000
Condominium Number:	Not reported
Census Tract 2:	006202
X Coordinate:	1023928
Y Coordinate:	183701
Zoning Map #:	18b
Zoning Map Code:	Y
Sanborn Map #:	418 065
Tax Map #:	45001
E-designation Number:	E-93
Apportionment BBL:	4113760023.00000000
Apportionment Date:	07/13/2015
Pluto ??? Dtm Base Map Indicator:	1
2007 Flood Insurance Rate Map Indicator:	Not reported
2015 Preliminary Flood Insurance Rate Map Indicator:	Not reported
Version Number:	24v1.1
Changed By DCP:	Not reported

C30
WSW
< 1/8
0.092 mi.
486 ft.

LOT 42,TAXBLOCK 4496
563 EMERALD STREET
BROOKLYN, NY

Site 7 of 8 in cluster C

NY E DESIGNATION | **S121343933** / **N/A**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:

Name:	LOT 42,TAXBLOCK 4496
Address:	563 EMERALD STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	42
Tax Block:	4496
Borough Code:	Not reported
E-No:	E-432
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	17DCP155K
Ulurp Number:	170430ZMK 170431ZRK
Zoning Map No:	18b
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

C31
WSW
< 1/8
0.092 mi.
487 ft.

LOT 39,TAXBLOCK 4496
561 EMERALD STREET
BROOKLYN, NY

Site 8 of 8 in cluster C

NY E DESIGNATION | **S121343924** / **N/A**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:

Name:	LOT 39,TAXBLOCK 4496
Address:	561 EMERALD STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	39
Tax Block:	4496
Borough Code:	Not reported
E-No:	E-432
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	17DCP155K
Ulurp Number:	170430ZMK 170431ZRK
Zoning Map No:	18b
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

F32 **LOT 15,TAXBLOCK 4496** **NY E DESIGNATION** **S122872652**
WSW **573 EMERALD STREET** **NY NYC OER** **N/A**
< 1/8 **BROOKLYN, NY 11208** **NY NYC LAND USE**
0.095 mi.
503 ft. **Site 1 of 3 in cluster F**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:

Name:	LOT 15,TAXBLOCK 4496
Address:	573 EMERALD STREET
City,State,Zip:	BROOKLYN, NY 11208
Tax Lot(s):	15
Tax Block:	4496
Borough Code:	BK
E-No:	E-432
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	17DCP155K
Ulurp Number:	170430ZMK 170431ZRK
Zoning Map No:	18b
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

NYC OER:

Name:	573 EMERALD STREET - LINDEN BOULEVARD PHASE II, BUILDING 2
Address:	573 EMERALD STREET
City,State,Zip:	BROOKLYN, NY
Latitude:	40.668754
Longitude:	-73.858798
OER Project Numbers:	18TMP1222K,18EHAN410K
BBL:	3.0449600153044899E+119
OER Program:	E/RD (Review)
Class:	Completed (C)
Phase:	Site Management
URL:	https://a002-epic.nyc.gov/app/workspace/5800/docrepository
Postcode:	5
Community Board:	42
Council District:	1220
Census Tract:	Not reported
BIN:	Not reported
NTA:	East New York

NYC LAND USE:

Name:	Not reported
Address:	573 EMERALD STREET
City,State,Zip:	BROOKLYN, NY 11208
Latitude:	40.6691019
Longitude:	-73.8584113
Type Of Ownership Code:	X
Owner Name:	HP LINDEN BOULEVARD II HOUSING DEV. FUND CO., INC.
Borough:	BK
Tax Block:	4496
Tax Lot:	15
Community District:	305
Census Tract 2020:	3122000
Census Block 2020:	31220001002

LOT 15,TAXBLOCK 4496 (Continued) **S122872652**

Census Tract 2010:	1220
Census Block 2010:	1001
School District:	19
City Council District:	42
Fire Company:	L107
Police Precinct:	75
Health Center District:	33
Health Area:	6410
Sanitation District Boro:	3
Sanitation District Number:	05
Sanitation Subsection:	3C
Zoning District 1:	R6A: Residential Districts
Zoning District 2:	Not reported
Zoning District 3:	Not reported
Zoning District 4:	Not reported
Commercial Overlay 1:	Not reported
Commercial Overlay 2:	Not reported
Special Purpose District 1:	Not reported
Special Purpose District 2:	Not reported
Special Purpose District 3:	Not reported
Limited Height District:	Not reported
Spill Boundary Indicator:	N
Building Class:	D1: ELEVATOR APARTMENTS - Semi-fireproof (Without Stores)
Land Use Category:	Multi-Family Elevator Buildings
Number Of Easements:	0
Lot Area:	26400
Total Building Floor Area:	171145
Commercial Floor Area:	29346
Residential Floor Area:	141799
Office Floor Area:	0
Retail Floor Area:	0
Garage Floor Area:	29346
Storage Floor Area:	0
Factory Floor Area:	0
Other Floor Area:	0
Total Building Floor Area Source Code:	2
Number Of Buildings:	1
Number Of Floors:	8.0000000
Residential Units:	160
Total Units:	160
Lot Frontage:	264.0000000
Lot Depth:	100.0000000
Building Frontage:	200.0000000
Building Depth:	200.0000000
Extension Code:	Not reported
Proximity Code:	2
Irregular Lot Code:	N
Lot Type:	5
Basement Type/Grade:	0
Assessed Land Value:	688050.00000
Assessed Total Value:	13963500.00000
Exempt Total Value:	13963500.00000
Year Built:	2021
Year Altered 1:	2020
Year Altered 2:	0
Historic District Name:	Not reported
Landmark Status:	Not reported

LOT 15,TAXBLOCK 4496 (Continued) **S122872652**

Built Floor Area Ratio:	6.48000000000
Maximum Allowable Residential Far:	3.00000000000
Maximum Allowable Commercial Far:	0.00000000000
Maximum Allowable Community Facility Far:	3.00000000000
Boro Code:	3
Borough, Tax Block and Lot:	3044960015.00000000
Condominium Number:	Not reported
Census Tract 2:	1220
X Coordinate:	1023528
Y Coordinate:	183080
Zoning Map #:	18b
Zoning Map Code:	Not reported
Sanborn Map #:	308 058
Tax Map #:	31404
E-designation Number:	E-432
Apportionment BBL:	3044960015.00000000
Apportionment Date:	12/10/2020
Pluto ??? Dtm Base Map Indicator:	1
2007 Flood Insurance Rate Map Indicator:	Not reported
2015 Preliminary Flood Insurance Rate Map Indicator:	Not reported
Version Number:	24v1.1
Changed By DCP:	Not reported

G33 **CON EDISON - MANHOLE 15630** **NJ MANIFEST** **S120677917**
SSE **79-05 151 AVE** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.098 mi.
519 ft. **Site 1 of 5 in cluster G**

Relative: **Lower**

Actual: **3 ft.**

NJ MANIFEST:

EPA ID:	NYP004873572
Name:	CON EDISON - MANHOLE 15630
Address:	79-05 151 AVE
City,State,Zip:	HOWARD BEACH, NY 11414
County:	Not reported
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	NYP004873572
Manifest Number:	015319394JJK
Date Shipped:	11/25/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported

CON EDISON - MANHOLE 15630 (Continued) **S120677917**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

G34 **CON EDISON - MANHOLE 15630** **RCRA-LQG** **1019325958**
SSE **79-05 151 AVE** **NYP004873572**
< 1/8 **HOWARD BEACH, NY 11414**
0.098 mi.
519 ft. **Site 2 of 5 in cluster G**

Relative: **Lower**

Actual: **3 ft.**

RCRA Listings:

Date Form Received by Agency:	20160226
Handler Name:	Con Edison - Manhole 15630
Handler Address:	151 Ave
Handler City,State,Zip:	HOWARD BEACH, NY 11414
EPA ID:	NYP004873572
Contact Name:	THERESA BURKARD
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2262
Contact Fax:	Not reported
Contact Email:	BURKARDT@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator

CON EDISON - MANHOLE 15630 (Continued) **1019325958**

Non-Notifier:	Not reported
Biennial Report Cycle:	2015
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161107
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2015

CON EDISON - MANHOLE 15630 (Continued) **1019325958**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
- Waste Code: D008
- Waste Description: Lead

Handler - Owner Operator:
- Owner/Operator Indicator: Owner
- Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
- Legal Status: Private
- Date Became Current: 20151125
- Date Ended Current: Not reported
- Owner/Operator Address: 4 IRVING PLACE
- Owner/Operator City,State,Zip: NEW YORK, NY 10003
- Owner/Operator Telephone: Not reported
- Owner/Operator Telephone Ext: Not reported
- Owner/Operator Fax: Not reported
- Owner/Operator Email: Not reported

- Owner/Operator Indicator: Operator
- Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
- Legal Status: Private
- Date Became Current: 20151125
- Date Ended Current: Not reported
- Owner/Operator Address: 4 IRVING PLACE
- Owner/Operator City,State,Zip: NEW YORK, NY 10003
- Owner/Operator Telephone: Not reported
- Owner/Operator Telephone Ext: Not reported
- Owner/Operator Fax: Not reported
- Owner/Operator Email: Not reported

Historic Generators:
- Receive Date: 20160226
- Handler Name: CON EDISON - MANHOLE 15630
- Federal Waste Generator Description: Large Quantity Generator
- State District Owner: Ny
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 221122
- NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:

CON EDISON - MANHOLE 15630 (Continued) **1019325958**

Evaluations: No Evaluations Found

G35 **CON ED** **NY MANIFEST** **S118563711**
SSE **79-05 151 AVE** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.098 mi.
519 ft. **Site 3 of 5 in cluster G**

Relative: **Lower**
Actual: **3 ft.**

NY MANIFEST:

EPA ID:	NYP004873572
Country:	USA
Name:	CON ED
Address:	79-05 151 AVE
Address 2:	Not reported
City,State,Zip:	HOWARD BEACH, NY 11414
Zip 4:	Not reported
Location Address 1:	79-05 151 AVE
Location Address 2:	Not reported
Location City,State,Zip:	HOWARD BEACH, NY 11414
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	CON ED
Mailing Contact:	CON ED
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

F36 **DRUM RUN** **NY Spills** **S109581468**
SW **EMERALD ST & LORING AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.105 mi.
553 ft. **Site 2 of 3 in cluster F**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	DRUM RUN
Address:	EMERALD ST & LORING AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0814160 / 2009-04-20
Facility ID:	0814160
Facility Type:	ER
DER Facility ID:	361091
Site ID:	411889
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C4
SWIS:	2401
Spill Date:	2009-03-31
Investigator:	HRAHMED

DRUM RUN (Continued) **S109581468**

Referred To:	Not reported
Reported to Dept:	2009-03-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-03-31
Spill Record Last Update:	2009-04-20
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARCUS JOHNSON
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	04/20/09-HRAHMED-No drum found during Drum Run on 04/16/09. This case is closed.
Remarks:	6 55 GALLON DRUMS WITH UNK PETROLEUM. NON ARE LEAKING.

All Materials:

Site ID:	411889
Operable Unit ID:	1168380
Operable Unit:	01
Material ID:	2159988
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

H37 **NYCDEP DERTA** **NY MANIFEST** **S120957736**
NNW **135-21 78TH ST** **N/A**
< 1/8 **HOWARD BEACH, NY 11414**
0.105 mi.
555 ft. **Site 1 of 5 in cluster H**

Relative: **Higher**
Actual: **7 ft.**

NY MANIFEST:

EPA ID:	NYP000973667
Country:	USA
Name:	NYCDEP DERTA
Address:	135-21 78TH ST
Address 2:	Not reported
City,State,Zip:	HOWARD BEACH, NY 11414
Zip 4:	Not reported
Location Address 1:	135-21 78TH ST
Location Address 2:	Not reported
Location City,State,Zip:	HOWARD BEACH, NY 11414

NYCDEP DERTA (Continued) **S120957736**

Location Zip 4: Not reported
Facility Status: Not reported
Total Tanks: Not reported
Code: BP

Mailing:
Mailing Name: NYCDEP DERTA
Mailing Contact: NYCDEP
Mailing Address 1: 9605 HORACE HARDING EXWY
Mailing Address 2: Not reported
Mailing City,State,Zip: QUEENS, NY 11373
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Manifest Data:
Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD064748304
Year: 2018
Trans2 State ID: NJD080631369
Generator Ship Date: 05/10/2017
Trans1 Recv Date: 05/10/2017
Trans2 Recv Date: 05/11/2017
TSD Site Recv Date: 05/15/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000973667
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 008760117JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code a: IGNITABLE WASTE
Waste Code b: Not reported
Waste Code c: Not reported
Waste Code e: Not reported
Waste Code f: Not reported
Waste Code g: Not reported
Waste Code 1: Not reported
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 200

NYCDEP DERTA (Continued) **S120957736**

Units:	Pounds
Number of Containers:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	1

H38 **NYCDEP DERTA** **RCRA NonGen / NLR** **1023678993**
NNW **135-21 78TH ST** **NYP000973667**
< 1/8 **HOWARD BEACH, NY 11414**
0.105 mi.
555 ft. **Site 2 of 5 in cluster H**

Relative: **Higher**
Actual: **7 ft.**

RCRA Listings:

Date Form Received by Agency:	20170616
Handler Name:	Nycdep Derta
Handler Address:	78th St
Handler City,State,Zip:	HOWARD BEACH, NY 11414
EPA ID:	NYP000973667
Contact Name:	ZACK MALLORY
Contact Address:	JUNCTION BLVD
Contact City,State,Zip:	FLUSHING, NY 11373
Contact Telephone:	718-595-4599
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	PAA I
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	JUNCTION BLVD
Mailing City,State,Zip:	FLUSHING, NY 11373
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

NYCDEP DERTA (Continued) **1023678993**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20170623
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20170510
Handler Name: NYCDEP DERTA	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20170616
Handler Name: NYCDEP DERTA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

NYCDEP DERTA (Continued) **1023678993**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H39 **PRIVATE RESD** **NY Spills** **S110769141**
NNW **13521 78TH ST** **N/A**
< 1/8 **HOWARD BEACH, NY**
0.105 mi.
555 ft. **Site 3 of 5 in cluster H**

Relative: **Higher**
Actual: **7 ft.**

SPILLS:

Name:	PRIVATE RESD
Address:	13521 78TH ST
City,State,Zip:	HOWARD BEACH, NY
Spill Number/Closed Date:	1012582 / 2011-10-04
Facility ID:	1012582
Facility Type:	ER
DER Facility ID:	401384
Site ID:	446758
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2011-03-17
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2011-03-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-03-17
Spill Record Last Update:	2011-10-06
Spiller Name:	SANDRA BUCARIA
Spiller Company:	PRIVATE RESD
Spiller Address:	13521 78TH ST
Spiller Company:	999
Contact Name:	SANDRA BUCARIA
Latitude:	40.6680440
Longitude:	-73.8567090
DEC Memo:	03/16/11-Zhune spoke to Paul relly from Petro. He said tank is leaking from the bottom. Tank is located outside in a cement pit. There are water and oil undrneath the tank. Spill is aproximatelly 20 gallons and it's contained. Milro is pumping out the tank. Milro (Mike) 516-379-1500 will install a temporary tank. Milro will clean the spill. No odors inside the house. 04/02/11- Milro

PRIVATE RESD (Continued) **S110769141**

sent a letter dated 04/02/11. Milro Associates, was contacted by homeowner to respond to #2 fuel oil spill. The oil spill was caused by a leaking AST outside the residence. Approximately 30 gallons of #2 heating oil was estimated to be released, Impacting soil and debris. Oil was recovered from the area by vac truck an absorvents. Milro removed the leaking oil tank and removed oil contaminated soil. A concrete pad approximatelly 18'x 10 and 10 inches thick was removed from the area, Groundwatwr was encountered at approximately one foot below grade. Oil was recovered from the water by vac truck and absorbents. An oily sheen has been observed on the water. Additional borings were advanced beyond the excavation. Water samples were collected for visual observation. An oily sheen was observed in the water samples (#1, #2, #3, and #5) collected fromt he grass ara on the east side of the property. Five wells will be installed by vac truck the impacted area. The lab analytical results for the soil samples collected above the water table during the wells intallation indicated some VOCs and SVOCs detected in MW-1 below the standards. No Vocs with exception of Methylene Chloride were detected in MW-2 MW-4 MW-5 and some SVOCs were detected but below the standards. No VOCs and SVOCs were detected in MW-3. The lab analytical for groundwater samples collected from the monitoring wells on 8/24/11. Indicated that volatile and semi volatile organics were not detected in the wells, the only exception was methylene chloride, however the lab indicated this was also detected in the sample blank. The down gradient well(MW6) was installed on 9/13. The soil was field screened by PID, 0.0 on the PID. Oil was not observed on the water. Milro returned on 9/14 to collect a water sample from the well. The analytical results indicated No VOC's detected with exception of Methylene Chloride 1.3 ug/lt, MTBE 0.63 ug/l and no SVOCs detected. Spill Closed. 10/6/2011 - Austin Received call from Ms. Bucharia - She acknowledged receipt of NFA letter sent by DEC Zhune (not in eDocs?), and wanted to know about well closure process. Milro has already agreed (and insurance co. is covering) to clsoe out the wells on her property. I told her to refer any restoration issues to her insurnace co. for resolution -end

Remarks: Outside tank located inside concrete pit leaked onto concrete. Cleanup the owners action.

All Materials:

Site ID:	446758
Operable Unit ID:	1196896
Operable Unit:	01
Material ID:	2193243
Material Code:	0001A
Material Name:	#2 fuel oil

PRIVATE RESD (Continued) **S110769141**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

F40 **583 EMERALD STREET - LINDEN BOULEVARD PHASE III; B** **NY NYC OER** **S129932547**
WSW **1427-1449 LORING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.106 mi.
559 ft. **Site 3 of 3 in cluster F**

Relative: **Higher**
Actual: **9 ft.**

NYC OER:

Name:	583 EMERALD STREET - LINDEN BOULEVARD PHASE III; BUILDING 3
Address:	1427-1449 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Latitude:	40.668337
Longitude:	-73.858561
OER Project Numbers:	18TMP1221K,18EHAN409K
BBL:	3.044960013044901E+59
OER Program:	E/RD (Review)
Class:	Completed (C)
Phase:	Site Management
URL:	https://a002-epic.nyc.gov/app/workspace/5799/docrepository
Postcode:	5
Community Board:	42
Council District:	1220
Census Tract:	Not reported
BIN:	Not reported
NTA:	East New York

I41 **OPPOSITE** **NY Spills** **S116553731**
SW **611 EMERALD ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.107 mi.
565 ft. **Site 1 of 2 in cluster I**

Relative: **Higher**
Actual: **7 ft.**

SPILLS:

Name:	OPPOSITE
Address:	611 EMERALD ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1311918 / 2014-05-01
Facility ID:	1311918
Facility Type:	ER
DER Facility ID:	447760
Site ID:	492852
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	E5
SWIS:	2401
Spill Date:	2014-03-21
Investigator:	RWAUSTIN
Referred To:	Not reported

OPPOSITE (Continued) **S116553731**

Reported to Dept:	2014-03-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-21
Spill Record Last Update:	2014-05-01
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERT
Latitude:	40.6677070
Longitude:	-73.8584540
DEC Memo:	5/1/14 - Austin - Material on pad transformer was determined to be cooking oil, due to transformer not found leaking and the nature of the material - Con Ed contained and cleaned up the spill - See D2 files for further information - Spill closed - end
Remarks:	around padmount transformer - cleanup pending

All Materials:

Site ID:	492852
Operable Unit ID:	1242364
Operable Unit:	01
Material ID:	2242920
Material Code:	0820A
Material Name:	cooking oil
Case No.:	Not reported
Material FA:	Other
Quantity:	2.00
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

G42 **CON EDISON - MANHOLE 15624** **RCRA-LQG** **1014397285**
SSE **79TH ST AND 151 AVE** **NY MANIFEST** **NYP004196036**
< 1/8 **HOWARD BEACH, NY 11414**
0.108 mi.
570 ft. **Site 4 of 5 in cluster G**

Relative: **Lower**
Actual: **3 ft.**

RCRA Listings:

Date Form Received by Agency:	20100323
Handler Name:	Con Edison - Manhole 15624
Handler Address:	79th St And 151 Ave
Handler City,State,Zip:	HOWARD BEACH, NY 11414
EPA ID:	NYP004196036
Contact Name:	FRANKLYN MURRAY
Contact Address:	Not reported
Contact City,State,Zip:	Not reported

CON EDISON - MANHOLE 15624 (Continued) **1014397285**

Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

CON EDISON - MANHOLE 15624 (Continued) **1014397285**

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: Lead

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20090918
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20090918
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100323
Handler Name: CON EDISON - MANHOLE 15624
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20090918
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Ny

CON EDISON - MANHOLE 15624 (Continued) **1014397285**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

EPA ID:	NYP004196036
Country:	USA
Name:	CONSOLIDATED EDISON
Address:	79TH ST & 151ST AVE
Address 2:	Not reported
City,State,Zip:	HOWARD BEACH, NY 11414
Zip 4:	Not reported
Location Address 1:	79TH ST AND 151 AVE
Location Address 2:	Not reported
Location City,State,Zip:	HOWARD BEACH, NY 11414
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	09/30/2009
Trans1 Recv Date:	09/30/2009
Trans2 Recv Date:	Not reported

CON EDISON - MANHOLE 15624 (Continued) **1014397285**

TSD Site Recv Date:	10/01/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004196036
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000894626GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	500
Units:	Gallons (liquids only)
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

H43 **LOT 41,TAXBLOCK 11376** **NY E DESIGNATION** **S108077706**
NNW **135-23 SAPPHIRE STREET** **N/A**
< 1/8 **QUEENS, NY**
0.109 mi.
575 ft. **Site 4 of 5 in cluster H**

Relative: **Higher**
Actual: **6 ft.**

E DESIGNATION:

Name:	LOT 41,TAXBLOCK 11376
Address:	135-23 SAPPHIRE STREET
City,State,Zip:	QUEENS, NY
Tax Lot(s):	41
Tax Block:	11376
Borough Code:	Not reported
E-No:	E-93
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	91-152Q
Ulurp Number:	910332 ZMQ

LOT 41,TAXBLOCK 11376 (Continued) **S108077706**

Zoning Map No: 18a, 18b

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

E44 **2846-2868 LINDEN BOULEVARD - LINDEN BOULEVARD PHAS** **NY VCP** **S129932269**
West **2846-2868 LINDEN BOULEVARD** **NY NYC OER** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
9 ft.

VCP NYC:

Project ID:	18TMP0308K,18EHAN221K,18CVCP070K
Name:	2846-2868 LINDEN BOULEVARD - LINDEN BOULEVARD PHASE I, BUILDING 1
Address:	2846-2868 LINDEN BOULEVARD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	30,449,600,013,044,900,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,0
OER Program:	VCP (Withdrawn), E/RD (Review)
Phase:	Site Management
Latitude:	40.669992
Longitude:	-73.859062
Postcode:	5
Community Board:	42
Council District:	1220
Census Tract:	3000000
BIN:	3044960001
NTA:	East New York

NYC OER:

Name:	2846-2868 LINDEN BOULEVARD - LINDEN BOULEVARD PHASE I, BUILDING 1
Address:	2846-2868 LINDEN BOULEVARD
City,State,Zip:	BROOKLYN, NY
Latitude:	40.669992
Longitude:	-73.859062
OER Project Numbers:	18TMP0308K,18EHAN221K,18CVCP070K
BBL:	3.0449600013044899E+109
OER Program:	VCP (Withdrawn), E/RD (Review)
Class:	Completed (C)
Phase:	Site Management
URL:	https://a002-epic.nyc.gov/app/workspace/4886/docrepository
Postcode:	5
Community Board:	42
Council District:	1220
Census Tract:	3000000
BIN:	3044960001
NTA:	East New York

H45
NNW
< 1/8
0.116 mi.
612 ft.

LOT 43,TAXBLOCK 11376
135-21 SAPPHIRE STREET
QUEENS, NY

Site 5 of 5 in cluster H

NY E DESIGNATION **S108077707**
N/A

Relative:
Higher

Actual:
6 ft.

E DESIGNATION:

Name:	LOT 43,TAXBLOCK 11376
Address:	135-21 SAPPHIRE STREET
City,State,Zip:	QUEENS, NY
Tax Lot(s):	43
Tax Block:	11376
Borough Code:	Not reported
E-No:	E-93
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	91-152Q
Ulurp Number:	910332 ZMQ
Zoning Map No:	18a, 18b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

46
NNE
< 1/8
0.122 mi.
642 ft.

LOT 1,TAXBLOCK 11377
135-25 79 STREET
QUEENS, NY 11414

NY E DESIGNATION **S129173382**
NY NYC LAND USE **N/A**

Relative:
Higher

Actual:
7 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 11377
Address:	135-25 79 STREET
City,State,Zip:	QUEENS, NY 11414
Tax Lot(s):	1
Tax Block:	11377
Borough Code:	QN
E-No:	R-32
Effective Date:	Not reported
Satisfaction Date:	Not reported
Ceqr Number:	91DCP152Q
Ulurp Number:	910332 ZMQ
Zoning Map No:	Not reported
Description:	Not reported
Lot Remediation Date:	Not reported

NYC LAND USE:

Name:	Not reported
Address:	135-25 79 STREET
City,State,Zip:	QUEENS, NY 11414
Latitude:	40.6712810
Longitude:	-73.8560419
Type Of Ownership Code:	Not reported
Owner Name:	JSB REALTY NO.2 LLC
Borough:	QN
Tax Block:	11377
Tax Lot:	1
Community District:	410
Census Tract 2020:	4006202

LOT 1,TAXBLOCK 11377 (Continued) **S129173382**

Census Block 2020:	40062021005
Census Tract 2010:	62.02
Census Block 2010:	1006
School District:	27
City Council District:	32
Fire Company:	E331
Police Precinct:	106
Health Center District:	45
Health Area:	3000
Sanitation District Boro:	4
Sanitation District Number:	10
Sanitation Subsection:	1D
Zoning District 1:	R4: Residential Districts
Zoning District 2:	Not reported
Zoning District 3:	Not reported
Zoning District 4:	Not reported
Commercial Overlay 1:	C2-2
Commercial Overlay 2:	Not reported
Special Purpose District 1:	Not reported
Special Purpose District 2:	Not reported
Special Purpose District 3:	Not reported
Limited Height District:	Not reported
Spill Boundary Indicator:	N
Building Class:	K2: STORE BUILDINGS (TAXPAYERS INCLUDED) - Multi-Story Retail Building
Land Use Category:	Commercial & Office Buildings
Number Of Easements:	0
Lot Area:	88558
Total Building Floor Area:	93880
Commercial Floor Area:	93880
Residential Floor Area:	0
Office Floor Area:	46940
Retail Floor Area:	46940
Garage Floor Area:	0
Storage Floor Area:	0
Factory Floor Area:	0
Other Floor Area:	0
Total Building Floor Area Source Code:	2
Number Of Buildings:	1
Number Of Floors:	2.0000000
Residential Units:	0
Total Units:	7
Lot Frontage:	200.0000000
Lot Depth:	417.9700000
Building Frontage:	400.0000000
Building Depth:	110.0000000
Extension Code:	Not reported
Proximity Code:	1
Irregular Lot Code:	N
Lot Type:	5
Basement Type/Grade:	1
Assessed Land Value:	2311200.00000
Assessed Total Value:	8907300.00000
Exempt Total Value:	0.00000
Year Built:	2014
Year Altered 1:	0
Year Altered 2:	0
Historic District Name:	Not reported

LOT 1,TAXBLOCK 11377 (Continued) **S129173382**

Landmark Status:	Not reported
Built Floor Area Ratio:	1.06000000000
Maximum Allowable Residential Far:	0.75000000000
Maximum Allowable Commercial Far:	0.00000000000
Maximum Allowable Community Facility Far:	2.00000000000
Boro Code:	4
Borough, Tax Block and Lot:	4113770001.00000000
Condominium Number:	Not reported
Census Tract 2:	006202
X Coordinate:	1024184
Y Coordinate:	183875
Zoning Map #:	18a
Zoning Map Code:	Y
Sanborn Map #:	418 065
Tax Map #:	45001
E-designation Number:	R-32
Apportionment BBL:	4113770003.00000000
Apportionment Date:	08/17/2011
Pluto ??? Dtm Base Map Indicator:	1
2007 Flood Insurance Rate Map Indicator:	Not reported
2015 Preliminary Flood Insurance Rate Map Indicator:	Not reported
Version Number:	24v1.1
Changed By DCP:	Not reported

G47 **CON ED** **NY MANIFEST** **S118563856**
SE **151 AVE & 80 ST** **N/A**
< 1/8 **QUEENS, NY 11414**
0.122 mi.
645 ft. **Site 5 of 5 in cluster G**

Relative: **Lower**
Actual: **3 ft.**

NY MANIFEST:

EPA ID:	NYP004897682
Country:	USA
Name:	CON ED
Address:	151 AVE & 80 ST
Address 2:	Not reported
City,State,Zip:	QUEENS, NY 11414
Zip 4:	Not reported
Location Address 1:	151 AVE & 80 ST
Location Address 2:	Not reported
Location City,State,Zip:	QUEENS, NY 11414
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	CON ED
Mailing Contact:	CON EDISON
Mailing Address 1:	222 FIRST STREET
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11215
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7186664511

Manifest Data:

Document ID:	Not reported

CON ED (Continued) **S118563856**

Manifest Status:	Not reported
Trans1 State ID:	MAD039322250
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	02/10/2016
Trans1 Recv Date:	02/10/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/10/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004897682
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	008418226FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	4120
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Burn
Specific Gravity:	1

I48 **SPRING CREEK (EMERALD ST.)** **NY SHWS** **S105973021**
SW **BETWEEN RUBY & EMERALD ON LORING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.125 mi.
659 ft. **Site 2 of 2 in cluster I**

Relative: SHWS:
Higher
Actual: Name: SPRING CREEK (EMERALD ST.)
6 ft. Address: BETWEEN RUBY & EMERALD ON LORING AVENUE
City,State,Zip: BROOKLYN, NY
Program: HW

SPRING CREEK (EMERALD ST.) (Continued) **S105973021**

Site Code:	57635
Classification:	C
Region:	2
Acres:	2.000
HW Code:	224014
Record Add:	11/18/1999
Record Upd:	03/23/2007
Updated By:	dcwalsh
Site Description:	"The Spring Creek parcel comprises a three city block area situated approximately midway between Belt Parkway and Conduit Boulevard and is one block south of Linden Boulevard. The entire three block site previously consisted of scattered piles of construction debris partially exposed at the surface.Debris included concrete rubble, assorted refuse, scrap metals, plastics, junk cars and rusted surficial drums. Two of the three blocks were cleared and low income housing has been erected. These units were occupied in 1989. Test pit excavations at the third section revealed buried drums and dark ash like materials. Approximately 20-25 drums or rusted empty drum remnants were observed within area 3. Two samples exhibited hazardous characteristics. Area 3 is presently the listed area. All the buried drums and contaminated soils have been removed from block 3. The property has been developed (1990) for multiple low income housing buildings. Buildings are fully occupied. No further action is required from the Department."
Env Problem:	"All hazardous waste drums have been removed. Post remedial monitoring for groundwater has been completed."
Health Problem:	"Post remedial groundwater monitoring has revealed that the low concentrations of VOCs originally detected on-site have decreased to non-detectable levels. The concentration of one VOC, specifically 1,2-dichloroethene, has remained slightly above the drinking water standard for this contaminant in all three sampling rounds. However, groundwater is not used for drinking water purposes in the area. Exposure to contaminated surficial soils is not expected to occur since the parcel has been capped. Potential exposure to contaminated sub-surface soils is not expected to occur unless subsequent on-site excavation is conducted."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	40:40:03:0 / 73:51:31:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	1999-11-18 12:00:00
Updated By:	INITIAL
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	PUBLIC DEVELOPMENT CORP.
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	1

SPRING CREEK (EMERALD ST.) (Continued) **S105973021**

Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Public Development Corp.
Owner Address:	1 Centre Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10007
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Public Development Corp.
Owner Address:	1 Centre Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10007
Owner Country:	United States of America
Own Op:	1
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	PUBLIC DEVELOPMENT CORP.
Owner Address:	1 CENTRE ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10007
Owner Country:	United States of America
Own Op:	4
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	PUBLIC DEVELOPMENT CORP.
Owner Address:	1 CENTRE ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10007
Owner Country:	United States of America
HW Code:	224014
Waste Type:	DRUMS CONTAINING HAZARDOUS WASTE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224014
Waste Type:	(XYLENES, TOLUENES, BUTANONE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

49
North
1/8-1/4
0.162 mi.
854 ft.

LINDEN CENTER **NY NYC OER** **S129932731**
133-40 79TH STREET **N/A**
QUEENS, NY

Relative:
Lower

Actual:
4 ft.

NYC OER:

Name:	LINDEN CENTER
Address:	133-40 79TH STREET
City,State,Zip:	QUEENS, NY
Latitude:	40.671837
Longitude:	-73.856675

LINDEN CENTER (Continued) **S129932731**

OER Project Numbers:	12TMP0526Q,12RHAZ526Q
BBL:	4.1135800014113501E+29
OER Program:	E/RD (Review)
Class:	Completed (C)
Phase:	Site Management
URL:	https://a002-epic.nyc.gov/app/workspace/1410/docrepository
Postcode:	10
Community Board:	32
Council District:	6202
Census Tract:	4541230
BIN:	4113580001
NTA:	Lindenwood-Howard Beach

J50 **CON EDISON SERVICE BOX: 49751** **RCRA NonGen / NLR** **1017778474**
South **422 78 ST** **NYP004564035**
1/8-1/4 **BROOKLYN, NY 11208**
0.190 mi.
1002 ft. **Site 1 of 2 in cluster J**

Relative: **Lower**

Actual: **3 ft.**

RCRA Listings:

Date Form Received by Agency:	20140713
Handler Name:	Con Edison Service Box: 49751
Handler Address:	422 78 St
Handler City,State,Zip:	BROOKLYN, NY 11208
EPA ID:	NYP004564035
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

CON EDISON SERVICE BOX: 49751 (Continued) **1017778474**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150211
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140613
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140613
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON SERVICE BOX: 49751 (Continued) **1017778474**

Receive Date:	20140713
Handler Name: CON EDISON SERVICE BOX:	49751
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J51 **CON EDISON** **NY MANIFEST** **S117063948**
South **422 78 ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11208**
0.190 mi.
1002 ft. **Site 2 of 2 in cluster J**

Relative: **Lower**

Actual: **3 ft.**

NY MANIFEST:

EPA ID:	NYP004564035
Country:	USA
Name:	CON EDISON
Address:	422 78 ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11208
Zip 4:	Not reported
Location Address 1:	422 78TH ST
Location Address 2:	SB49751
Location City,State,Zip:	BROOKLYN, NY 11209
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Manifest Data:

CON EDISON (Continued) **S117063948**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	06/13/2014
Trans1 Recv Date:	06/13/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/17/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004564035
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002424591GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	100
Units:	Gallons (liquids only)
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

52
WNW
1/8-1/4
0.216 mi.
1142 ft.

CON EDISON
791 DREW ST
BROOKLYN, NY 11201

NY MANIFEST **S117317404**
N/A

Relative:
Higher

Actual:
9 ft.

NY MANIFEST:

EPA ID:	NYP004648283
Country:	USA
Name:	CON EDISON
Address:	791 DREW ST
Address 2:	VAULT 3840
City,State,Zip:	BROOKLYN, NY 11201
Zip 4:	Not reported
Location Address 1:	791 DREW ST
Location Address 2:	VAULT 3840
Location City,State,Zip:	BROOKLYN, NY 11201
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	09/04/2014
Trans1 Recv Date:	09/04/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/05/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004648283
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013243744JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

CON EDISON (Continued) **S117317404**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	100
Units:	Gallons (liquids only)
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

53
WNW
1/8-1/4
0.220 mi.
1160 ft.

NYCDEP **NY MANIFEST** **1009231582**
DUMONT & RUBY ST **N/A**
BROOKLYN, NY 11201

Relative:
Higher

Actual:
7 ft.

NY MANIFEST:

EPA ID:	NYP000776401
Country:	USA
Name:	NYCDEP
Address:	DUMONT & RUBY ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11201
Zip 4:	Not reported
Location Address 1:	DUMONT & RUBY ST
Location Address 2:	Not reported
Location City,State,Zip:	BROOKLYN, NY 11201
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	NYCDEP
Mailing Contact:	GARY L. OTT
Mailing Address 1:	DUMONT & RUBY ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11201
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2125668977

Manifest Data:

Document ID:	NYO3073473
Manifest Status:	C - Completed copy
Trans1 State ID:	NY2A004

NYCDEP (Continued) **1009231582**

Year:	1983
Trans2 State ID:	Not reported
Generator Ship Date:	830617
Trans1 Recv Date:	830617
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830617
Part A Recv Date:	030630
Part B Recv Date:	030630
Generator EPA ID:	NYP000776401
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049178296
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00300
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Not reported
Specific Gravity:	100

K54 **SPRING CREEK ASSOCIATES** **RCRA NonGen / NLR** **1000256773**
SW **902 DREW ST APT 1** **FINDS** **NYD982717613**
1/8-1/4 **BROOKLYN, NY 11208** **ECHO**
0.231 mi. **NY MANIFEST**
1219 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**
Actual: **4 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Spring Creek Associates
Handler Address:	Drew St Apt 1
Handler City,State,Zip:	BROOKLYN, NY 11208
EPA ID:	NYD982717613
Contact Name:	Not reported
Contact Address:	LORING AVE
Contact City,State,Zip:	BROOKLYN, NY 11208
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

SPRING CREEK ASSOCIATES (Continued) **1000256773**

EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	LORING AVE
Mailing City,State,Zip:	BROOKLYN, NY 11208
Owner Name:	Spring Creek Associates
Owner Type:	Private
Operator Name:	Spring Creek Associates
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

SPRING CREEK ASSOCIATES (Continued) **1000256773**

Hazardous Waste Summary:
Waste Code: NONE
Waste Description: Not Defined

Waste Code: U159
Waste Description: 2-Butanone (I,T) (Or) Methyl Ethyl Ketone (Mek) (I,T)

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SPRING CREEK ASSOCIATES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPRING CREEK ASSOCIATES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPRING CREEK ASSOCIATES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19950427
Handler Name: SPRING CREEK ASSOCIATES
Federal Waste Generator Description: Not reported
State District Owner: Ny
Large Quantity Handler of Universal Waste: No

SPRING CREEK ASSOCIATES (Continued) **1000256773**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SPRING CREEK ASSOCIATES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SPRING CREEK ASSOCIATES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19881130
Handler Name: SPRING CREEK ASSOCIATES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SPRING CREEK ASSOCIATES (Continued) **1000256773**

FINDS:
Registry ID: 110004425809

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000256773
Registry ID:	110004425809
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004425809
Name:	SPRING CREEK ASSOCIATES
Address:	902 DREW ST APT 1
City,State,Zip:	BROOKLYN, NY 11208

NY MANIFEST:

EPA ID:	NYD982717613
Country:	USA
Name:	SPRING CREEK ASSOCIATES
Address:	902 DREW ST APT 1
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11208
Zip 4:	Not reported
Location Address 1:	1364 LORING AVE
Location Address 2:	Not reported
Location City,State,Zip:	BROOKLYN, NY 11208
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	SPRING CREEK ASSOCIATES
Mailing Contact:	SPRING CREEK ASSOCIATES
Mailing Address 1:	1364 LORING AVENUE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11208
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7186477085

Manifest Data:

Document ID:	NJA0603745
Manifest Status:	C - Completed copy
Trans1 State ID:	NJDEPS103
Year:	1989
Trans2 State ID:	Not reported
Generator Ship Date:	890330

SPRING CREEK ASSOCIATES (Continued) **1000256773**

Trans1 Recv Date:	890330
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890330
Part A Recv Date:	890414
Part B Recv Date:	890410
Generator EPA ID:	NYD982717613
Trans1 EPA ID:	NJD982280851
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00050
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Document ID:	NJA0603792
Manifest Status:	C - Completed copy
Trans1 State ID:	NJDEPS103
Year:	1989
Trans2 State ID:	Not reported
Generator Ship Date:	890427
Trans1 Recv Date:	890427
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890427
Part A Recv Date:	890504
Part B Recv Date:	890504
Generator EPA ID:	NYD982717613
Trans1 EPA ID:	NJD000813477
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

SPRING CREEK ASSOCIATES (Continued) **1000256773**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	08000
Units:	Pounds
Number of Containers:	016
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100

K55 **HWANG'S LILY DRY CLEANERS** **NY DRYCLEANERS** **S110246836**
SW **902 DREW STREET** **NY LEAD** **N/A**
1/8-1/4 **BROOKLYN, NY 11208** **NY NYC LAND USE**
0.231 mi.
1219 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
4 ft.

DRYCLEANERS:

Name:	HWANG'S LILY DRY CLEANERS
Address:	902 DREW STREET
City,State,Zip:	BROOKLYN, NY 11208
Facility ID:	DROP SHOP
Phone Number:	Not reported
Region:	2
Registration Effective Date:	N/A
Inspection Date:	07JUN5
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Y
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	DROP SHOP

NYC LEAD:

Name:	Not reported
Address:	902 DREW STREET
City,State,Zip:	BROOKLYN, NY 11208
Violation ID:	11576743
Building ID:	234479
Registration ID:	376348
Apartment:	445
Story:	4
Class:	Most Serious
Inspection Date:	12/14/2016
Approved Date:	12/19/2016
Original Certify By Date:	01/21/2017
Original Correct By Date:	01/16/2017

HWANG'S LILY DRY CLEANERS (Continued) **S110246836**

New Certify By Date:	Not reported
New Correct By Date:	Not reported
Certified Date:	01/26/2017
Order Number:	616
NOV ID:	5642139
NOV Description:	SECTION 27-2056.6 ADM CODE - CORRECT THE LEAD-BASED PAINT HAZARD - PRESUMED LEAD PAINT THAT IS PEELING OR ON A DETERIORATED SUBSURFACE USING WORK PRACTICES SET FORTH IN 28 RCNY 11-06(B)(2) SOUTH WALL IN THE PRIVATE HALLWAY LOCATED AT APT 445, 4th STORY, 1st APARTMENT FROM WEST AT NORTH
NOV Issued Date:	12/19/2016
Current Status ID:	19
Current Status:	VIOLATION CLOSED
Current Status Date:	06/29/2022

NYC LAND USE:

Name:	Not reported
Address:	902 DREW STREET
City,State,Zip:	BROOKLYN, NY 11208
Latitude:	40.6671806
Longitude:	-73.8607549
Type Of Ownership Code:	Not reported
Owner Name:	SPRING CREEK GARDENS CONDOMINUM
Borough:	BK
Tax Block:	4515
Tax Lot:	7501
Community District:	305
Census Tract 2020:	3122000
Census Block 2020:	31220001008
Census Tract 2010:	1220
Census Block 2010:	1012
School District:	19
City Council District:	42
Fire Company:	L107
Police Precinct:	75
Health Center District:	33
Health Area:	6410
Sanitation District Boro:	3
Sanitation District Number:	05
Sanitation Subsection:	3C
Zoning District 1:	R6: Residential Districts
Zoning District 2:	Not reported
Zoning District 3:	Not reported
Zoning District 4:	Not reported
Commercial Overlay 1:	Not reported
Commercial Overlay 2:	Not reported
Special Purpose District 1:	Not reported
Special Purpose District 2:	Not reported
Special Purpose District 3:	Not reported
Limited Height District:	Not reported
Spill Boundary Indicator:	N
Building Class:	RM: CONDOMINIUMS -Mixed Residential & Commercial Building (Mixed Residential & Commercial)
Land Use Category:	Mixed Residential & Commercial Buildings
Number Of Easements:	0
Lot Area:	278400
Total Building Floor Area:	224515

HWANG'S LILY DRY CLEANERS (Continued) **S110246836**

Commercial Floor Area:	6815
Residential Floor Area:	217700
Office Floor Area:	0
Retail Floor Area:	6815
Garage Floor Area:	0
Storage Floor Area:	0
Factory Floor Area:	0
Other Floor Area:	0
Total Building Floor Area Source Code:	2
Number Of Buildings:	1
Number Of Floors:	Not reported
Residential Units:	260
Total Units:	266
Lot Frontage:	530.0000000
Lot Depth:	550.1700000
Building Frontage:	0.0000000
Building Depth:	0.0000000
Extension Code:	Not reported
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	0
Basement Type/Grade:	5
Assessed Land Value:	1299712.00000
Assessed Total Value:	6784124.00000
Exempt Total Value:	6339818.00000
Year Built:	1988
Year Altered 1:	0
Year Altered 2:	0
Historic District Name:	Not reported
Landmark Status:	Not reported
Built Floor Area Ratio:	0.81000000000
Maximum Allowable Residential Far:	2.43000000000
Maximum Allowable Commercial Far:	0.00000000000
Maximum Allowable Community Facility Far:	4.80000000000
Boro Code:	3
Borough, Tax Block and Lot:	3045157501.00000000
Condominium Number:	2406
Census Tract 2:	1220
X Coordinate:	1022879
Y Coordinate:	182379
Zoning Map #:	18b
Zoning Map Code:	Not reported
Sanborn Map #:	308 061
Tax Map #:	31404
E-designation Number:	Not reported
Apportionment BBL:	3045150001.00000000
Apportionment Date:	02/24/2010
Pluto ??? Dtm Base Map Indicator:	1
2007 Flood Insurance Rate Map Indicator:	Not reported
2015 Preliminary Flood Insurance Rate Map Indicator:	Not reported
Version Number:	24v1.1
Changed By DCP:	Not reported

56
WSW
1/4-1/2
0.289 mi.
1528 ft.

PINK HOUSES
1275 LORING AVE
BROOKLYN, NY

NY LTANKS **S100177457**
N/A

Relative:
Higher

Actual:
6 ft.

LTANKS:

Name:	PINK HOUSES
Address:	1275 LORING AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9109631 / 1995-04-20
Facility ID:	9109631
Site ID:	122089
Spill Date:	1991-12-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1995-04-20
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1991-12-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-12-13
Spill Record Last Update:	1995-04-20
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	105879
Latitude:	40.6675423
Longitude:	-73.8644820
DEC Memo:	Not reported
Remarks:	25K HORNER EZY CHECK. GROSS LEAK-WOULD NOT HOLD IN STANDPIPE. ISOLATE & RETEST. SEE SPILL # 9402161

All TTF:

Facility ID:	9109631
Spill Number:	9109631
Spill Tank Test:	1539399
Site ID:	122089
Tank Number:	003
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

PINK HOUSES (Continued) **S100177457**

Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9109631
Spill Number:	9109631
Spill Tank Test:	1539400
Site ID:	122089
Tank Number:	004
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	122089
Operable Unit ID:	963416
Operable Unit:	01
Material ID:	418228
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

L57 **1490 DUMONT AVENUE** **NY NYC OER** **S132179848**
WNW **1490 DUMONT AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.301 mi.
1588 ft. **Site 1 of 3 in cluster L**

Relative:
Higher

Actual:
8 ft.

NYC OER:

Name:	1490 DUMONT AVENUE
Address:	1490 DUMONT AVENUE
City,State,Zip:	BROOKLYN, NY
Latitude:	40.670952
Longitude:	-73.86251
OER Project Numbers:	09TMP0153K,09EHAN153K
BBL:	3.0116900013011599E+19
OER Program:	E/RD (Review)
Class:	Active (A)
Phase:	Closure

1490 DUMONT AVENUE (Continued) **S132179848**

URL:	https://a002-epic.nyc.gov/app/workspace/23/docrepository
Postcode:	5
Community Board:	42
Council District:	1208
Census Tract:	3395103
BIN:	3044690001
NTA:	East New York

L58 **BROOKLYN UNITED METHODIST** **NY LTANKS** **S104877190**
WNW **1485 DUMONT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.325 mi.
1714 ft. **Site 2 of 3 in cluster L**

Relative: **Higher**

Actual: **9 ft.**

LTANKS:

Name:	BROOKLYN UNITED METHODIST
Address:	1485 DUMONT AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0009243 / 2002-02-11
Facility ID:	0009243
Site ID:	302066
Spill Date:	2000-11-10
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2000-11-10
CID:	323
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-11-10
Spill Record Last Update:	2002-02-11
Spiller Name:	KARL NELSON
Spiller Company:	BROOKLYN UNITED METH.
Spiller Address:	1485 DUMONT AV
Spiller County:	001
Spiller Contact:	KARL NELSON
Spiller Phone:	(718) 827-4500
Spiller Extention:	104
DEC Region:	2
DER Facility ID:	244073
Latitude:	40.6710182
Longitude:	-73.8625181
DEC Memo:	Not reported
Remarks:	275 gallon UST WAS FOUND AND REMOVED, THERE WAS A SMALL AMOUNT LEAKED. UNKNOWN FURTHER.

All Materials:

Site ID:	302066
Operable Unit ID:	831543

BROOKLYN UNITED METHODIST (Continued) **S104877190**

Operable Unit:	01
Material ID:	543200
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

L59 **BROOKLYN UNITED METHODIST** **UST FINDER RELEASE** **1029068234**
WNW **1485 DUMONT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY 0**
0.325 mi.
1714 ft. **Site 3 of 3 in cluster L**

Relative: UST FINDER RELEASE:
Higher

Actual: Object ID:	259792
9 ft. Facility ID:	NY244073
Lust ID:	NY9243
Name:	BROOKLYN UNITED METHODIST
Address:	1485 DUMONT AVE
City,State,Zip:	BROOKLYN, NY 0
Address Match Type:	Not reported
Reported Date:	2000/11/10 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	9498
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	NY7003493_77021
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	020302020103
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.86252
Y Coord:	40.6710200000001
Latitude:	40.6710199999999
Longitude:	-73.86252

60
SSE
1/4-1/2
0.340 mi.
1796 ft.

CLOSED-LACKOF RECENT INFO
7910 155 ST
NEW YORK CITY, NY

NY LTANKS **S100145128**
N/A

Relative:
Higher

Actual:
5 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	7910 155 ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8801593 / 2003-03-05
Facility ID:	8801593
Site ID:	293971
Spill Date:	1988-05-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-05-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-05-23
Spill Record Last Update:	2003-03-18
Spiller Name:	Not reported
Spiller Company:	LARRY KLEIN/LINDWOOD GARD
Spiller Address:	SAME
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	237894
Latitude:	40.7362270
Longitude:	-73.8133850
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : Dig Up & Repair Tank. Lind Wood Garden Apartments;03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	COULDN'T FILL TANK.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

All TTF:

Facility ID:	8801593
Spill Number:	8801593
Spill Tank Test:	1533948
Site ID:	293971
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100145128**

Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	293971
Operable Unit ID:	917087
Operable Unit:	01
Material ID:	460727
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

---

61 SSW 1/4-1/2 0.376 mi. 1983 ft.

SOUTH SHORE INCINERATOR **NY SWF/LF S126023819**
BOUNDED BY STANLEY AVENUE, 79TH STREET, SHORE PARKWAY AND SH **NY ILI N/A**
BROOKLYN, NY

Relative: Lower

Actual: 2 ft.

SWF/LF:

Name:	SOUTH SHORE INCINERATOR
Address:	BOUNDED BY STANLEY AVENUE, 79TH STREET, SHORE PARKWAY AND SHERIDAN AVENUE
City,State,Zip:	BROOKLYN, NY
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Not reported
Activity Number:	Not reported
Active:	Not reported
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	2: Fair; Perimeter unclear

SOUTH SHORE INCINERATOR (Continued) **S126023819**

Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

ILI:

Name:	SOUTH SHORE INCINERATOR
Address:	BOUNDED BY STANLEY AVENUE, 79TH STREET, SHORE PARKWAY AND SHERIDAN AVENUE
City,State,Zip:	BROOKLYN, NY
Latitude:	40.663377
Longitude:	-73.858457
Region:	2
SWID:	Not reported
NY Inactive List:	Not reported
Inactive Reg Number:	Not reported
Alternative Facility Names:	Not reported
Removed:	Not reported
Why Removed:	Not reported
Location Accuracy:	2: Fair; Perimeter unclear
Date Of Last Inspection:	43333
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Authorization:	Not reported
Number:	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Start Date:	Not reported
Stop Date:	Not reported
Landfill Type:	Not reported

62
WSW
1/4-1/2
0.381 mi.
2012 ft.

PINK HOUSES -NYCHA **NY LTANKS** **S101174383**
1257 LORING AVENUE **NY Spills** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
9 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9702721 / 2003-02-19
Facility ID:	9702721
Site ID:	309676
Spill Date:	1997-06-03
Spill Cause:	Tank Test Failure

PINK HOUSES -NYCHA (Continued) **S101174383**

Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1997-06-03
CID:	267
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-06-03
Spill Record Last Update:	2006-01-04
Spiller Name:	FRANK OSCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller County:	001
Spiller Contact:	FRANK OSCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6685540
Longitude:	-73.8675172
DEC Memo:	Not reported
Remarks:	TANK FAILED USING THE HORNER EZ 3 / CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

All TTF:

Facility ID:	9702721
Spill Number:	9702721
Spill Tank Test:	1545145
Site ID:	309676
Tank Number:	4
Tank Size:	25000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	309676
Operable Unit ID:	1045450
Operable Unit:	01
Material ID:	335652
Material Code:	0001A

PINK HOUSES -NYCHA (Continued) **S101174383**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES -NYCHA
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9009280 / 2005-11-28
Facility ID:	9009280
Site ID:	120492
Spill Date:	1990-11-26
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1990-11-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-12-10
Spill Record Last Update:	2005-11-28
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	11/28/05: This spill transferred from R.Keating to S.Kraszewski. This spill closed to consolidate with open spill #9909441.
Remarks:	(2) 25K TANKS MANIFOLDED,SYSTEMS TEST, FAILED HORNER EZY CHECK WITH A GROSS LEAK, LEAK AT TANK TOP, SUCTION RETURN MANHOLE COVER, WILL EXCAVATE, ISOLATE & RETEST.

All TTF:

Facility ID:	9009280
Spill Number:	9009280
Spill Tank Test:	1537926
Site ID:	120492
Tank Number:	003

PINK HOUSES -NYCHA (Continued) **S101174383**

Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9009280
Spill Number:	9009280
Spill Tank Test:	1537927
Site ID:	120492
Tank Number:	004
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9009280
Spill Number:	9009280
Spill Tank Test:	1537928
Site ID:	120492
Tank Number:	001
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9009280
Spill Number:	9009280
Spill Tank Test:	1537929
Site ID:	120492
Tank Number:	002
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported

PINK HOUSES -NYCHA (Continued) **S101174383**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120492
Operable Unit ID:	949772
Operable Unit:	01
Material ID:	567677
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	PINK HOUSES
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9402160 / 1995-04-20
Facility ID:	9402160
Site ID:	120493
Spill Date:	1992-10-16
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1995-04-20
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1994-05-13
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-08-22
Spill Record Last Update:	1995-04-20
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported

PINK HOUSES -NYCHA (Continued) **S101174383**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 104620
Latitude: 40.6674408
Longitude: -73.8651580
DEC Memo: Not reported
Remarks: INITIALLY REPORTED AS PASSED.SEE SPILL # 9408532

All TTF:
Facility ID: 9402160
Spill Number: 9402160
Spill Tank Test: 1542713
Site ID: 120493
Tank Number: 002
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 120493
Operable Unit ID: 995828
Operable Unit: 01
Material ID: 385904
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

Name: PINK HOUSES -NYCHA
Address: 1257 LORING AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9402161 / 2005-11-28
Facility ID: 9402161
Site ID: 120494
Spill Date: 1992-10-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: JAKOLLEE
Referred To: Not reported

PINK HOUSES -NYCHA (Continued) **S101174383**

Reported to Dept:	1994-05-13
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-08-22
Spill Record Last Update:	2005-11-28
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #9909441.
Remarks:	INITIALLY REPORTED AS PASSED.

All TTF:

Facility ID:	9402161
Spill Number:	9402161
Spill Tank Test:	1542714
Site ID:	120494
Tank Number:	003
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120494
Operable Unit ID:	999229
Operable Unit:	01
Material ID:	385905
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00

PINK HOUSES -NYCHA (Continued) **S101174383**

Resource Affected: Soil
Oxygenate: Not reported

Name: PINK HOUSES
Address: 1257 LORING AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9408532 / 1997-06-03
Facility ID: 9408532
Site ID: 120495
Spill Date: 1994-09-27
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1994-09-27
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-09-27
Spill Record Last Update: 1997-06-03
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 104620
Latitude: 40.6674408
Longitude: -73.8651580
DEC Memo: Not reported
Remarks: TO INVESTIGATE FURTHER

All TTF:
Facility ID: 9408532
Spill Number: 9408532
Spill Tank Test: 1543180
Site ID: 120495
Tank Number: 002
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00

PINK HOUSES -NYCHA (Continued) **S101174383**

Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 120495
Operable Unit ID: 1002662
Operable Unit: 01
Material ID: 377972
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

Name: PINK
Address: 1257 LORING AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9408884 / 1995-05-15
Facility ID: 9408884
Site ID: 120496
Spill Date: 1994-10-04
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1995-05-15
SWIS: 2401
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1994-10-04
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-10-06
Spill Record Last Update: 1995-05-16
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 104620
Latitude: 40.6674408
Longitude: -73.8651580
DEC Memo: Not reported

PINK HOUSES -NYCHA (Continued) **S101174383**

Remarks: WILL EMPTY AND SEE WHERE LINES ARE LEAKING. DUPLICATE REPORT FOR SPILL # 9408532.

All TTF:

Facility ID:	9408884
Spill Number:	9408884
Spill Tank Test:	1543203
Site ID:	120496
Tank Number:	002
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120496
Operable Unit ID:	1002994
Operable Unit:	01
Material ID:	378310
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9412962 / 1997-06-03
Facility ID:	9412962
Site ID:	120497
Spill Date:	1994-12-29
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1994-12-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported

PINK HOUSES -NYCHA (Continued) **S101174383**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-01-05
Spill Record Last Update:	1997-06-03
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	Not reported
Remarks:	GROSS FAILURE TANK #4

All TTF:

Facility ID:	9412962
Spill Number:	9412962
Spill Tank Test:	1543485
Site ID:	120497
Tank Number:	004
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120497
Operable Unit ID:	1006591
Operable Unit:	01
Material ID:	567108
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES
Address:	1257 LORING AVENUE

PINK HOUSES -NYCHA (Continued) **S101174383**

City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9503322 / 1997-06-03
Facility ID:	9503322
Site ID:	120498
Spill Date:	1995-06-15
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1995-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-16
Spill Record Last Update:	1997-06-03
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	Not reported
Remarks:	TANK #4-LEAK RATE OF 5.1

All TTF:

Facility ID:	9503322
Spill Number:	9503322
Spill Tank Test:	1543921
Site ID:	120498
Tank Number:	004
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

PINK HOUSES -NYCHA (Continued) **S101174383**

Site ID:	120498
Operable Unit ID:	1014543
Operable Unit:	01
Material ID:	368372
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES -NYCHA
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9504280 / 2005-11-28
Facility ID:	9504280
Site ID:	120499
Spill Date:	1995-07-10
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1995-07-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-07-10
Spill Record Last Update:	2005-11-28
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #9909441.
Remarks:	TANK #2 - UNABLE TO HOLD VACUUM. GROSS FAILURE

All TTF:

Facility ID:	9504280
Spill Number:	9504280

PINK HOUSES -NYCHA (Continued) **S101174383**

Spill Tank Test:	1543990
Site ID:	120499
Tank Number:	002
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120499
Operable Unit ID:	1018751
Operable Unit:	01
Material ID:	365782
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES -NYCHA
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9908218 / 2005-11-28
Facility ID:	9908218
Site ID:	264829
Spill Date:	1999-10-05
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1999-10-06
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-06
Spill Record Last Update:	2005-11-28

PINK HOUSES -NYCHA (Continued) **S101174383**

Spiller Name:	NYS HOUSING
Spiller Company:	1257 LARING AVE
Spiller Address:	1257 LARING AVE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104620
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #9909441.
Remarks:	pulled tank and found contamination.

All Materials:

Site ID:	264829
Operable Unit ID:	1086878
Operable Unit:	01
Material ID:	300895
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	PINK HOUSES -NYCHA
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8906580 / 2022-06-08
Facility ID:	8906580
Facility Type:	ER
DER Facility ID:	104620
Site ID:	312618
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1989-02-17
Investigator:	AAOBLIGA
Referred To:	Not reported
Reported to Dept:	1989-10-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

PINK HOUSES -NYCHA (Continued) **S101174383**

Remediation Phase:	0
Date Entered In Computer:	1989-10-17
Spill Record Last Update:	2022-06-08
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
Latitude:	40.7267999
Longitude:	-73.9504900
DEC Memo:	1/15/08 - Site reassigned from J.Koleeney to J.Kann. Site consolidated with 9909441. 3/1/12: IWP recieved 2/28/12 and edoced today. 10/22/13: J.Kann - Found the 2000 Site Assessment performed after tank removal. (after an email was sent to approve a WP today) Reviewed the report and endpoints collected were all below CP-51. Emailed Yelena and told her not to move forward with the additional investigation at this time and requested a site visit to confirm that oil seepage is no longer present in the boiler room walls. After field visit, will reassess the need for addtional investigation. 10/25/13: J.Kann - Spill closed based on the following- -1992 TRC investigation revealed one area of concern around MW-2 and to the east of the tanks. -2000 UST closure report includes 13 endpoint samples collected after the 4 USTs were removed. All samples were below CP-51. -MW-2 (previous area of concern - sheen in 1992) no longer has product in it. -checked basement boiler room today for seepage. Photos taken. No oil seepage present. NFA. Spill closed. 3/24/21 - Obligado - I received an email from Ryan of NYCHA. Oil seepage has returned. I advised NYCHA to clean the wall with a non-toxic degreaser like a citraKlean type product. I also asked Ryan to check the wells for free product. 4/13/21 - Obligado - Gauging was performed and 5 of floating product has been found in MW2. I am reopening the spill number. I directed NYCHA to vacuum out the well and resume monitoring the site. 9/14/21 - Obligado - I received an update from Ryan that there continues to be product in the well. As of 8/30 the product thickness was 4 . I recommended another VEFR event. 12/1/21 - Obligado - I spoke to Ryan and he said product thickness is now 3 . They are continuing to VEFR monthly. 5/25/22 - Obligado - Here is a summary of recent oil gauging data: MW2 - 6/2/22 - No oil MW 2 - 5/4/22 - no oil. MW 2 - 3/2/22 no oil. MW 2 - 2/7/22 - No oil. VEFR MW 2 - 1/25/22 - 4 oil, VEFR MW 2 - 8/30/21 - 4 oil MW 2 - 6/21 - 4 oil MW 2 - 5/21 - 4 oil, VEFR MW 2 - 4/21 - 4 oil, VEFR 6/8/22 - Obligado - No floating product has been present in monitoring wells over the past 5 gauging events. It appears VEFR has been effective in the removing residual oil. This spill is closed.

PINK HOUSES -NYCHA (Continued) **S101174383**

Remarks: POSSIBLE RETURN VALVE BROKEN OPEN ON LAWN AREA, IN PROCESS OF CLEANING UP.

All TTF:

Facility ID:	8906580
Spill Number:	8906580
Spill Tank Test:	1536154
Site ID:	312618
Tank Number:	Not reported
Tank Size:	0
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	312618
Operable Unit ID:	931596
Operable Unit:	01
Material ID:	446998
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7150.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PINK HOUSES -NYCHA
Address:	1257 LORING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9909441 / 2008-01-15
Facility ID:	9909441
Facility Type:	ER
DER Facility ID:	104620
Site ID:	182382
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-11-03
Investigator:	jkkann
Referred To:	CLOSED AND CONSOLIDATED WITH 8906580
Reported to Dept:	1999-11-03
CID:	382
Water Affected:	Not reported
Spill Source:	Private Dwelling

PINK HOUSES -NYCHA (Continued) **S101174383**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-11-03
Spill Record Last Update:	2008-01-15
Spiller Name:	CALLER
Spiller Company:	NYC HOUSING
Spiller Address:	250 BROADWAY
Spiller Company:	001
Contact Name:	ED MALONE
Latitude:	40.6674408
Longitude:	-73.8651580
DEC Memo:	11/28/05: This spill transferred from J.Kolleeny to S.Kraszewski. 01/04/06: Site investigation in late 1993 advanced 7 borings and 4 MWs. Found that greatest area of contamination existed where pipes enter boiler room, which coincides with ealier spills mentioning oil seeping thorugh the wall piping. The contamination seemed to be isolated and contained in a specific area. Remediation proposed was continued monitoring and crack repair. 1995, possibly a bid for a treatment and recovery system was in the works for ths site, but no evidence that one was installed. During removal of the four tanks, a site assessment was proposed to happen in November 1999 by UTB - United Technology. So where is the report? Must inquire about report. - SK 01/30/06: This spill transferred from S.Kraszewaski to Q.Abidi. 04/03/06: This spill transferred from Q. Abidi to Koon Tang. 01/15/08 : This spill transferred from K. Tang to J.Kann. Closed and consolidated with 8906580.
Remarks:	contaminated soil found during the removal of 4 25,000 gal tanks. excavation of soil and replacement tanks placed

All Materials:

Site ID:	182382
Operable Unit ID:	1084046
Operable Unit:	01
Material ID:	566285
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

63
SSE
1/4-1/2
0.391 mi.
2065 ft.

155-37 81ST ST/
155-37 81ST ST
NEW YORK CITY, NY

NY LTANKS **S100167531**
N/A

Relative:
Lower

Actual:
4 ft.

LTANKS:

Name:	155-37 81ST ST/
Address:	155-37 81ST ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8800439 / 1992-09-30
Facility ID:	8800439
Site ID:	324733
Spill Date:	1988-04-13
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	1992-09-30
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-04-13
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-21
Spill Record Last Update:	1994-05-12
Spiller Name:	Not reported
Spiller Company:	LINWOOD GARDENS APTS.
Spiller Address:	155-37 81ST ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	261580
Latitude:	40.6636340
Longitude:	-73.8525520
DEC Memo:	Not reported
Remarks:	5K TANK SYSTEM FAILURE, LEAK RATE -.210GPH, WILL EXCAVATE TO FIND LEAKCONTACT: LARRY KLEIN (718)-848-9191.

All TTF:

Facility ID:	8800439
Spill Number:	8800439
Spill Tank Test:	1533648
Site ID:	324733
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

155-37 81ST ST/ (Continued) **S100167531**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 324733
Operable Unit ID: 916071
Operable Unit: 01
Material ID: 463144
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

M64 **84-39 153RD STREET** **NY LTANKS** **S102672045**
ESE **84-39 153RD STREET** **N/A**
1/4-1/2 **HOWARD BEACH, NY**
0.392 mi.
2069 ft. **Site 1 of 2 in cluster M**

Relative: **Higher**
Actual: **5 ft.**

LTANKS:
Name: 84-39 153RD STREET
Address: 84-39 153RD STREET
City,State,Zip: HOWARD BEACH, NY
Spill Number/Closed Date: 9210964 / 1992-12-22
Facility ID: 9210964
Site ID: 199876
Spill Date: 1992-12-22
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: 1992-12-22
SWIS: 4101
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 1992-12-22
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-12-22
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported

84-39 153RD STREET (Continued) **S102672045**

Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 166331
Latitude: 40.6664174
Longitude: -73.8500441
DEC Memo: Not reported
Remarks: SENT CREW OUT TO CLEANUP REASON FOR OVERFILL IS UNKNOWN AT THIS TIME

All Materials:
Site ID: 199876
Operable Unit ID: 975261
Operable Unit: 01
Material ID: 567395
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

M65 **84-39 153RD AVE** **NY LTANKS** **S102672721**
ESE **84-39 153RD ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.402 mi.
2123 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
6 ft.

LTANKS:
Name: 84-39 153RD AVE
Address: 84-39 153RD ST
City,State,Zip: MANHATTAN, NY
Spill Number/Closed Date: 9412049 / 1994-12-09
Facility ID: 9412049
Site ID: 227749
Spill Date: 1994-12-09
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: 1994-12-09
SWIS: 3101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1994-12-09
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-01-25

84-39 153RD AVE (Continued) **S102672721**

Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	CASTLE OIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	187944
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG
Remarks:	SENT SPILL CREW OUT

All Materials:

Site ID:	227749
Operable Unit ID:	1009838
Operable Unit:	01
Material ID:	374385
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

66
ESE
1/4-1/2
0.430 mi.
2272 ft.

CLOSED-LACKOF RECENT INFO **NY LTANKS** **S100346417**
151025 88TH STREET **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
6 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	151025 88TH STREET
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8903165 / 2003-03-05
Facility ID:	8903165
Site ID:	132329
Spill Date:	1989-06-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1989-06-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100346417**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-06-30
Spill Record Last Update:	2006-11-17
Spiller Name:	Not reported
Spiller Company:	LINDENWOOD VILLAGE CO-OP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	113958
Latitude:	40.5851340
Longitude:	-73.8125100
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	15K TANK FAILED HORNER EZY CHECK, PRODUCT WOULDN'T STABILIZE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

All TTF:

Facility ID:	8903165
Spill Number:	8903165
Spill Tank Test:	1535642
Site ID:	132329
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	132329
Operable Unit ID:	928601
Operable Unit:	01
Material ID:	447280
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

67
East
1/4-1/2
0.430 mi.
2273 ft.

CLOSED-LACKOF RECENT INFO
149030 88TH ST
NEW YORK CITY, NY

NY LTANKS **S100145036**
N/A

Relative:
Higher

Actual:
10 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	149030 88TH ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8710479 / 2003-02-18
Facility ID:	8710479
Site ID:	239494
Spill Date:	1988-03-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-03-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-03-22
Spill Record Last Update:	2009-12-29
Spiller Name:	Not reported
Spiller Company:	CUYLER AND COMPANY INC
Spiller Address:	84-21 SHORE PARKWAY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196978
Latitude:	40.5851340
Longitude:	-73.8125100
DEC Memo:	Not reported
Remarks:	10K TANK SYSTEM FAILED PETRO TITE WITH AN UNDETERMINED LEAK RATE,COULDBE LINE PROBLEM, WILL NOTIFY OWNER TO EXCAVATE, ISOLATE AND RETEST. CONTACT: HILLARD SACHS (718) 848-6488. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

All TTF:

Facility ID:	8710479
Spill Number:	8710479
Spill Tank Test:	1533440
Site ID:	239494
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100145036**

Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 239494
Operable Unit ID: 916346
Operable Unit: 01
Material ID: 462250
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

N68 **MORRISSEY RESIDENCE** **NY LTANKS** **S102673161**
NW **1484 SUTTER AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.434 mi.
2290 ft. **Site 1 of 2 in cluster N**

Relative: **Higher**
Actual: **8 ft.**

LTANKS:
Name: MORRISSEY RESIDENCE
Address: 1484 SUTTER AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9512231 / 1995-12-29
Facility ID: 9512231
Site ID: 174143
Spill Date: 1995-12-29
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 1995-12-29
CID: 257
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-12-29
Spill Record Last Update: 1996-02-01
Spiller Name: Not reported

MORRISSEY RESIDENCE (Continued) **S102673161**

Spiller Company:	BAERENKLAU FUEL OIL
Spiller Address:	740 JAMAICA AVE
Spiller County:	001
Spiller Contact:	ROSE MORRISSEY
Spiller Phone:	(718) 827-5562
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	146489
Latitude:	40.6737359
Longitude:	-73.8649685
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN
Remarks:	overfilled tank by about 1 quart driver cleaned up

All Materials:

Site ID:	174143
Operable Unit ID:	1023179
Operable Unit:	01
Material ID:	359547
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Resource Affected:	Soil
Oxygenate:	Not reported

69
SE
1/4-1/2
0.454 mi.
2398 ft.

CLOSED-LACKOF RECENT INFO **NY LTANKS** **S100145155**
155030 84 ST **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
5 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	155030 84 ST
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8803035 / 2003-03-05
Facility ID:	8803035
Site ID:	263598
Spill Date:	1988-07-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-07-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

CLOSED-LACKOF RECENT INFO (Continued) **S100145155**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-07-08
Spill Record Last Update:	2003-03-05
Spiller Name:	Not reported
Spiller Company:	UNION GARDEN
Spiller Address:	69-09 108 ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	214882
Latitude:	40.6567500
Longitude:	-73.8327820
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : Suggest - E & I & R. 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	5K TANK - L R = -0.328 GPH. INITIAL SYSTEM PETRO-TITE. 5K TANK WAS TESTED AGAIN ON 7/26/88 AT 16:00 AND FAILED WITH A LEAK RATE OF -0.198GPH.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

All TTF:

Facility ID:	8803035
Spill Number:	8803035
Spill Tank Test:	1534243
Site ID:	263598
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	263598
Operable Unit ID:	918224
Operable Unit:	01
Material ID:	458599
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

O70 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100145169**
SE **81037 156TH AVE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.459 mi.
2421 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**

Actual: **4 ft.**

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	81037 156TH AVE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8803664 / 2003-02-18
Facility ID:	8803664
Site ID:	134964
Spill Date:	1988-07-27
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-07-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-08-02
Spill Record Last Update:	2003-02-21
Spiller Name:	Not reported
Spiller Company:	UNION GARDENS
Spiller Address:	81-37 156TH AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	115869
Latitude:	40.6618480
Longitude:	-73.8571230
DEC Memo:	Not reported
Remarks:	5K TANK FAILED AN INITIAL SYSTEM PETRO TITE TEST WITH A LEAK RATE OF -0.471GPH, WILL EXCAVATE, ISOLATE AND RETEST, WILL REPAIR OR REPLACE. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

All TTF:

Facility ID:	8803664
Spill Number:	8803664
Spill Tank Test:	1534352
Site ID:	134964
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100145169**

Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 134964
Operable Unit ID: 920834
Operable Unit: 01
Material ID: 459204
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

O71 **APRT HOUSE** **NY LTANKS** **S107789307**
SE **81-37 156TH AVE** **N/A**
1/4-1/2 **QUEENS, NY**
0.459 mi.
2421 ft. **Site 2 of 2 in cluster O**

Relative: **Lower**
Actual: **4 ft.**

LTANKS:
Name: APRT HOUSE
Address: 81-37 156TH AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 0601246 / 2006-06-09
Facility ID: 0601246
Site ID: 363430
Spill Date: 2006-05-02
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2006-05-03
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-05-03
Spill Record Last Update: 2010-06-03
Spiller Name: MARLIN JOSEPH

APRT HOUSE (Continued) **S107789307**

Spiller Company:	APRT HOUSE
Spiller Address:	81-37 156 AVE
Spiller County:	001
Spiller Contact:	MARLIN JOSEPH
Spiller Phone:	(646) 772-7949
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	313609
Latitude:	40.6628390
Longitude:	-73.8509990
DEC Memo:	05/03/06-Hiralkumar Patel. Spoke to the operator at Petroleum and she gave me number for the company who hired them to do tank test. GC Mechanical Ph. (718) 621-7171 FAX (718) 621-7007 Spoke to John at GC Mechanical and he or someone from his office will call back with information about current work and owner's name and number. 05/04/06-Hiralkumar Patel. Spoke to Marlin at Petroleum and as per him they found leak in manhole cover of 5000 gal UST. they pumped out oil from tank and tank is empty currently. from property shark and reverse phone directory, owner's information: Delkap Management 8212 151ST Ave Howard Beach NY 11414 PH. (718) 848-6488 FAX (718) 845-1642 left message for manager (ext. 12) at Delkap Management. PBS # 2-084980 TTF sent out to manager at Delkap Management. FAxed to manager. Received call from Vincent Colucci from GC Mechanic. faxed copy of letter to Mr. Colucci. as per Mr. Colucci, Petroleum Tank is working on site. 05/10/06-Hiralkumar Patel. spoke to Mr. Colucci. as per him they found leak in vent pipe and manhole gasket. Petroleum is working at site. Spoke to Joe at Petroleuam and he will call back with updates. Received call from Joe. they found leak in tank and suction line. now they are waiting to hear from owner for further work. spoke to Mr. Colucci again and he told me that when petroleum did test on suction line, they did test including Hot well, which has one end open. they are using # 6 oil and hot well is to preheat the oil. currently tank is empty. as per Mr. Colucci, they will submit final report by end of this month. 06/05/06-Hiralkumar Patel. REceived message from Mr. colucci (718-621-7171). spoke to Nick and he will send all required information through fax. they have found leak in stick line, vent line and manhole cover. haven't found any contamination around tank. they replaced supply and return line. Received fax from Mr. Colucci. they have submitted tank only test result and it shows tank is tight. as per letter, they have changed necessary pipings. spoke to Mr. Colucci. they haven't done whole system test again. they havn't done any isolation test on old system, but petroleum did it and found that vent line and stick line had problem. asked Mr. Colucci to do test on whole system and to submit that result to the Department. Spoke to Ray at petroleum. he spoke to Mr. Colucci. he will send documents to Mr. Colucci. asked him which parts failed in isolation test. Ray will call back, as the person who did test is out of office. 06/09/06-Hiralkumar Patel. Received message from Winson from GC Mechanical. Spoke to Winson. he has line test results and will fax me. Received fax from Mr. Colucci. abstract: - tank was emptied and pipes wer tested. - stick lines and vent lines were found a leak - manhole cover gasked was not secure. - gasket was replaced - tank system passed the test based on available information, case is closed. NFA sent out to manager. faxed to property manager and to Mr. Colucci (FAX: 718621-7007).
Remarks:	TANK HAS BEEN EVACUATED

APRT HOUSE (Continued) **S107789307**

All TTF:

Facility ID:	0601246
Spill Number:	0601246
Spill Tank Test:	1549944
Site ID:	363430
Tank Number:	1
Tank Size:	5000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	363430
Operable Unit ID:	1121485
Operable Unit:	01
Material ID:	2110981
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

P72 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100145218**
SE **84-24 155TH AVE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.470 mi.
2480 ft. **Site 1 of 2 in cluster P**

Relative: **Higher**
Actual: **6 ft.**

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	84-24 155TH AVE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8805164 / 2003-03-05
Facility ID:	8805164
Site ID:	158519
Spill Date:	1988-09-14
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-09-14

CLOSED-LACKOF RECENT INFO (Continued) **S100145218**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-09-15
Spill Record Last Update:	2005-07-05
Spiller Name:	Not reported
Spiller Company:	U M ENERGY CORP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	133952
Latitude:	40.6646590
Longitude:	-73.8495390
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	5K TANK, L R = -0.7124 GPH. EXCAV & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

All TTF:

Facility ID:	8805164
Spill Number:	8805164
Spill Tank Test:	1534616
Site ID:	158519
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	158519
Operable Unit ID:	920322
Operable Unit:	01
Material ID:	457071
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G

CLOSED-LACKOF RECENT INFO (Continued) **S100145218**

Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

N73 **SOUTH SHORE INCINERATOR SITE** **SEMS-ARCHIVE** **1002982951**
NW **308 FORBELL STREET** **NY0001049303**
1/4-1/2 **BROOKLYN, NY 11208**
0.482 mi.
2546 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
17 ft.

SEMS Archive:
Site ID: 0203961
EPA ID: NY0001049303
Name: SOUTH SHORE INCINERATOR SITE
Address: 308 FORBELL STREET
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11208
Cong District: 11
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 02
Site ID: 0203961
EPA ID: NY0001049303
Site Name: SOUTH SHORE INCINERATOR SITE
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1996-11-21 05:00:00
Finish Date: 1999-04-08 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 02
Site ID: 0203961
EPA ID: NY0001049303
Site Name: SOUTH SHORE INCINERATOR SITE
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1995-02-21 05:00:00
Finish Date: 1995-02-21 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 02
Site ID: 0203961
EPA ID: NY0001049303

SOUTH SHORE INCINERATOR SITE (Continued) **1002982951**

Site Name:	SOUTH SHORE INCINERATOR SITE
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1999-04-14 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

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74 ESE 1/4-1/2 0.488 mi. 2579 ft. **LINDENWOOD VILLAGE CO OP RESIDENCE** **NY LTANKS** **S118638788**
153-25 88TH ST **N/A**
HOWARD BEACH, NY

Relative: Lower

Actual: 4 ft.

LTANKS:

Name:	LINDENWOOD VILLAGE CO OP RESIDENCE
Address:	153-25 88TH ST
City,State,Zip:	HOWARD BEACH, NY
Spill Number/Closed Date:	1600915 / 2017-01-06
Facility ID:	1600915
Site ID:	526214
Spill Date:	2016-04-27
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2016-04-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-04-27
Spill Record Last Update:	2017-01-06
Spiller Name:	RENE LEWIS
Spiller Company:	LINDENWOOD VILLAGE CO OP RESIDENCE
Spiller Address:	153-25 88TH ST
Spiller County:	999
Spiller Contact:	RENE LEWIS
Spiller Phone:	(917) 569-8323
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	480424
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	4/27/2016: Rashad 153-25 88th Street does not have an alternate address. No additional spills found for site. PBS#2-084794 found for

LINDENWOOD VILLAGE CO OP RESIDENCE (Continued) **S118638788**

site, there is a 10,000 gallon #2 fuel oil UST with no access for inspections. Called Rene, he did not answer, I left a message on his voice mail. 4/28/2016: Rashad TTF letter emailed to Rene Lewis and mailed to site owner as per PBS registration, letter was also uploaded to D2. Spill will be reassigned to DEC Piper as he was day time runner on 4/27/16. 1/5/17- DEC Piper reviewed file. Tank was closed on 5/31/16. I spoke with mgmt. co and they will send me information regarding closure. 1/6/17- DEC Piper received passing tightness test results. Failure was due to rotted vent line at surface. Tank was subsequently abandoned as per tester Rene Lewis Because they never used tank, and didn't want the liability that comes with the recent changes that mandated that tanks installed prior to Dec /96 would have to be tested annually. Passing results in DEC Docs. Spill closed.

Remarks: retest pending

All Materials:

Site ID:	526214
Operable Unit ID:	1275145
Operable Unit:	01
Material ID:	2279852
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

P75 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100167689**
SE **88-24 155TH AVE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.495 mi.
2614 ft. **Site 2 of 2 in cluster P**

Relative: **Higher**
Actual: **6 ft.**

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	88-24 155TH AVE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8802467 / 2003-03-05
Facility ID:	8802467
Site ID:	146845
Spill Date:	1988-06-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-06-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100167689**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-06-24
Spill Record Last Update:	2005-07-05
Spiller Name:	JEFFREY GOLD(CONTACT)
Spiller Company:	MARVIN GOLD MNGMT
Spiller Address:	2919 AVENUE J
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	125032
Latitude:	40.6657360
Longitude:	-73.8467270
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : E & I & R. 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	L R = -0.120 GPH, 5K TANK, INIT SYS, PETRO-TITE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

All TTF:

Facility ID:	8802467
Spill Number:	8802467
Spill Tank Test:	1534143
Site ID:	146845
Tank Number:	Not reported
Tank Size:	0
Material:	0012
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	146845
Operable Unit ID:	919683
Operable Unit:	01
Material ID:	458033
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100167689**

Site ID:	146845
Operable Unit ID:	919683
Operable Unit:	01
Material ID:	458034
Material Code:	0012A
Material Name:	kerosene
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

76
WSW
1/2-1
0.649 mi.
3425 ft.

MAJESTIC CLNRS
740 PINE ST
BROOKLYN, NY 11364

NY SHWS **S110248343**
NY VCP **N/A**
NY MANIFEST

Relative:
Higher

Actual:
9 ft.

SHWS:

Name:	FORMER MAJESTIC GARMENT CLEANERS
Address:	740 PINE STREET
City,State,Zip:	BROOKLYN, NY 11208
Program:	HW
Site Code:	58590
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	0.470
HW Code:	224035
Record Add:	02/21/2001
Record Upd:	02/28/2020
Updated By:	JCGRATHW

Site Description: "{see Site Code C224035 for further details as this project entered the Brownfield Cleanup Program} Location: The Former Majestic Garment Cleaners site is approximately 0.47 acres in size and is located at 740 Pine Street (a.k.a. 1151 Loring Avenue) in Brooklyn, at the northeast corner of the intersection of Loring Avenue and Pine Street in the East New York section of Brooklyn. Site Features: The property is surrounded by a chain link fence and previously contained a one-story brick building which was demolished sometime in 2008. The property is currently vacant except for construction and demolition debris and parked vehicles. Current Zoning and Land Use: The property is a vacant lot in a residential zone. It is zoned R4 (Residential) with a C1-2 (Commercial) overlay. The surrounding parcels are currently used for a mix of commercial and residential uses. Past Use of Site: The site was formerly used as an industrial laundry and dry cleaning facility from 1926 to 2007, and operated out of a large one-story brick building which was constructed in 1926. The building was later expanded with a smaller attached one-story cinder block building on its north side. In early 1999, the U. S. Environmental Protection Agency (EPA) conducted two separate inspections of the Majestic Garment Cleaners facility, one on January 25, 1999, and the other on March 29, 1999. During those inspections EPA personnel observed employees disposing of tetrachloroethene (PCE) contaminated water from steam presses onto the ground behind the facility on the

MAJESTIC CLNRS (Continued) **S110248343**

western side of the property. They also noticed that the areas around the dry- cleaning equipment were visibly contaminated with PCE-contaminated lint and a dark liquid residue. EPA subsequently learned that Majestic employees regularly vacuumed PCE-contaminated lint and disposed of it in a dumpster behind the building. In the Fall of 2001, the Department conducted an investigation which showed that the groundwater underlying the site was contaminated with PCE and its breakdown products. A Phase II investigation was conducted in June 2009. Soil samples were collected and the results showed exceedances above unrestricted soil cleanup objectives (SCOs) for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Site Geology and Hydrogeology: Much of the surface soil at the site consists of urban fill composed of mixed sand with varying amounts of gravel, brick, and concrete debris. The urban fill (i.e., debris, brick, etc.) at the site extends down to approximately 8 feet below ground surface (bgs); the fill is underlain by organic rich clay and sand. The depth to groundwater has been observed to be approximately 10 feet bgs. The groundwater flow direction in the vicinity of the site is to the southwest. It appears that a local hydraulic low, which was historically observed near piezometer PZ-2, may have been due to efforts to dewater the basement of the former on-site building when the building was present and in use."

Env Problem: "Nature and Extent of Contamination: Based on the Remedial Investigation, the primary contaminants of concern (COCs) at the site include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,2-dichloroethylene (1,2-DCE), vinyl chloride, and benzo(a)pyrene. Elevated levels of these constituents were found primarily in the western portion of the site. Groundwater - PCE (detected up to 260 ppb) and associated daughter products, cis-1,2-DCE (detected up to 410 ppb), TCE (detected up to 72 ppb) and vinyl chloride (detected up to 150 ppb) were identified at levels exceeding their respective groundwater standards. The groundwater standard for PCE, 1,2-DCE, and TCE is 5 ppb. The groundwater standard for vinyl chloride is 2 ppb. Soils - Soils exceeding residential soil cleanup objective (SCOs) are present only in the western portion of the site. Benzo(a)pyrene was detected in subsurface soil (in a sample collected from the 10-foot to 11-foot depth interval) at a level of 2.6 ppm which exceeded the residential use soil cleanup objective (SCO) of 1 ppm. PCE was detected in subsurface soil at 8.1 ppm in a soil boring sample collected from the 11-foot to 12-foot depth interval in the western portion of the site in the vicinity of the former loading dock area. PCE was also detected in another soil boring sample from the 10-foot to 11-foot depth interval at a concentration of 6.8 ppm. This sample was also collected in the western portion of the site. Both of these concentration levels exceeded the protection of groundwater SCO of 1.3 ppm. Soil Vapor - Elevated soil vapor concentration levels were detected in the western portion of the site in the same general area of the highest groundwater and soil contamination. The most significant results were: PCE at 640,000 g/m3; vinyl chloride at 330,000 g/m3; cis-1,2-DCE at 440,000 g/m3; trans-1,2-DCE at 4,800 g/m3; TCE at 25,000 g/m3; and 1,1-DCE at 2,000 g/m3. Based on the elevated soil vapor concentrations in the western portion of the site, additional off-site soil vapor sampling was conducted. Elevated soil vapor concentrations were observed in most of the off-site samples located west of the site including samples collected near the laundromat. The most significant results were: PCE at 310,000 g/m3; cis-1,2-DCE at 1,300 g/m3; and TCE at 7,000 g/m3. Elevated levels of

MAJESTIC CLNRS (Continued) **S110248343**

gasoline-related compounds were also observed in some of the samples, but these compounds are not considered to be site-related. Environmental sampling indicates soil vapor intrusion may be a concern for on-site and off-site structures."

Health Problem: "People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. The site is fenced, which limits public access. However, part of the lot is being used for parking and storage of building materials and persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The on-site building has been demolished, however the potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy. Elevated concentrations of site-related contaminants were detected in soil vapor off-site. The potential for exposures in off-site buildings needs to be monitored and/or evaluated to determine if mitigation measures should be implemented. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: False
Record Add: 2001-02-21 08:32:00
Record Upd: 2013-09-20 14:13:00
Updated By: ldennist
Own Op: 1
Sub Type: 01
Owner Name: Not reported
Owner Company: M & A Holdings I LLC
Owner Address: 94-28 85th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Woodhaven, NY 11421
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Ms. Dowshon A. Perveen
Owner Company: Brooklyn Public Library
Owner Address: 1197 Sutter Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11208
Owner Country: United States of America
Own Op: 4
Sub Type: 01
Owner Name: Nick Persaud
Owner Company: 1151 Loring Avenue, LLC
Owner Address: 78-50 65th Street
Owner Addr2: Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
HW Code:	224035
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224035
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN

MAJESTIC CLNRS (Continued) **S110248343**

Waste Code: Not reported
HW Code: 224035
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224035
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0905690
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2010-01-14 11:34:00
Record Updated: 2010-01-14 11:34:00
Updated By: RMPIPER

VCP:
Name: FORMER MAJESTIC CLEANERS SITE
Address: 740 PINE STREET
City,State,Zip: BROOKLYN, NY 11235
Program Type: VCP
Site Code: 58591
HW Code: V00608
Site Class: N
SWIS: 2401
Region: 2
Town: New York City
Acres: Not reported
Date Record Added: 08/30/2002
Date Record Updated: 07/31/2007
Updated By: MOBARRIE
Site Description: "The Former Majestic Garment Cleaners is located at the northeast corner of the intersection of Loring Avenue and Pine Street in the East New York section of Brooklyn. The property contains a 1-story brick building and a parking lot which is surrounded by a chain link fence. The site is currently occupied by a dry cleaning operation (World Cleaners). In early 1999, EPA conducted two separate inspections of the Majestic Garment Cleaners facility. During those inspections, EPA personnel observed employees disposing of tetrachloroethene (PCE) contaminated water from steam presses onto the ground behind the facility. They also noticed that the areas around the dry cleaning equipment were visibly contaminated with PCE-contaminated lint and a dark liquid residue. EPA subsequently learned that Majestic employees regularly vacuumed PCE-contaminated lint and disposed of it in a dumpster behind the building. Completed investigations include an Immediate Investigation Work Assignment (2001). In January 2004, a Voluntary Cleanup Agreement was signed, and in July 2005, the Volunteer performed fieldwork associated with the Remedial Investigation (RI). However, the Volunteer never submitted a formal RI Report documenting the results of the investigation, and in June 2006, the State terminated the agreement with the owner of the site due to their failure to respond appropriately. The site investigation and cleanup will be done under the Inactive Hazardous Waste Disposal Site remedial program-see site #224035 for more information."
Env Problem: "The primary contaminants of concern at the site known at this time include tetrachloroethylene (PCE), trichloroethylene (TCE),

MAJESTIC CLNRS (Continued) **S110248343**

1,2-dichloroethylene (1,2-DCE)and vinyl chloride. The initial investigation indicates groundwater beneath the site has been impacted. Exceedances of standards, criteria and guidance include PCE, TCE, 1,2-DCE and vinyl chloride in groundwater."

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	ZZZ
Owner Name:	David J. Von Lindern
Owner Company:	Jodave Realty, Inc.
Owner Address:	740 Pine Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11235
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	David J. Von Lindern
Owner Company:	World Cleaners, Inc.
Owner Address:	740 Pine Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11235
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

NY MANIFEST:

EPA ID:	NYD080451529
Country:	USA
Name:	MAJESTIC CLNRS
Address:	740 PINE ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11364-0000
Zip 4:	Not reported
Location Address 1:	1147 LORRING AVE
Location Address 2:	Not reported
Location City,State,Zip:	BROOKLYN, NY 11208
Location Zip 4:	Not reported
Facility Status:	Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Total Tanks: Not reported
Code: BP

Mailing:
Mailing Name: MAJESTIC CLNRS
Mailing Contact: MAJESTIC CLNRS
Mailing Address 1: 740 PINE STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: BROOKLYN, NY 11208
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7182720010

Manifest Data:
Document ID: NYC1103589
Manifest Status: Not reported
Trans1 State ID: AM6252NY
Year: 1991
Trans2 State ID: Not reported
Generator Ship Date: 07/26/1991
Trans1 Recv Date: 07/26/1991
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/26/1991
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD080451529
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980785760
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code 1: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 00975

MAJESTIC CLNRS (Continued) **S110248343**

Units:	Pounds
Number of Containers:	005
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYA6835083
Manifest Status:	C - Completed copy
Trans1 State ID:	NY16549GW
Year:	1987
Trans2 State ID:	Not reported
Generator Ship Date:	871023
Trans1 Recv Date:	871023
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871023
Part A Recv Date:	871028
Part B Recv Date:	871029
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00675
Units:	Pounds
Number of Containers:	005
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Waste Code 7:	IGNITABLE WASTE
Waste Code 8:	Not reported
Waste Code:	Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	02925
Units:	Pounds
Number of Containers:	015
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYA9218529
Manifest Status:	C - Completed copy
Trans1 State ID:	NYAY9381
Year:	1989
Trans2 State ID:	Not reported
Generator Ship Date:	890113
Trans1 Recv Date:	890113
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890113
Part A Recv Date:	890120
Part B Recv Date:	890123
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	IGNITABLE WASTE
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	01755
Units:	Pounds
Number of Containers:	009
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

MAJESTIC CLNRS (Continued) **S110248343**

	SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00135
Units:	Pounds
Number of Containers:	001
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Document ID:	NYC5602241
Manifest Status:	Not reported
Trans1 State ID:	NYLP3931
Year:	1999
Trans2 State ID:	T104414IL
Generator Ship Date:	04/20/1999
Trans1 Recv Date:	04/20/1999
Trans2 Recv Date:	04/22/1999
TSD Site Recv Date:	04/27/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCD987574647
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00240
Units:	Pounds
Number of Containers:	004

MAJESTIC CLNRS (Continued) **S110248343**

Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00390
Units:	Pounds
Number of Containers:	002
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYC4322305
Manifest Status:	Not reported
Trans1 State ID:	NYGF2859
Year:	1996
Trans2 State ID:	Not reported
Generator Ship Date:	10/25/1996
Trans1 Recv Date:	10/25/1996
Trans2 Recv Date:	10/29/1996
TSD Site Recv Date:	10/31/1996
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE

MAJESTIC CLNRS (Continued) **S110248343**

ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 00300
Units: Pounds
Number of Containers: 005
Container Type: Fiberboard or plastic drums, barrels, kegs
Handling Method: Burn
Specific Gravity: 01.00
Waste Code 7: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8: Not reported
Waste Code: Not reported
Waste Code 10: Not reported
Waste Code 11: Not reported
Quantity: 00585
Units: Pounds
Number of Containers: 003
Container Type: Fiberboard or plastic drums, barrels, kegs
Handling Method: Burn
Specific Gravity: 01.00
Waste Code 12: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 13: Not reported
Waste Code 14: Not reported
Waste Code 15: Not reported
Waste Code 16: Not reported
Quantity: 00585
Units: Pounds
Number of Containers: 003
Container Type: Metal drums, barrels, kegs
Handling Method: Burn
Specific Gravity: 01.00

Document ID: NYC2247952
Manifest Status: Not reported
Trans1 State ID: LP3931NY
Year: 1993

MAJESTIC CLNRS (Continued) **S110248343**

Trans2 State ID:	Not reported
Generator Ship Date:	04/16/1993
Trans1 Recv Date:	04/16/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/16/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00945
Units:	Pounds
Number of Containers:	007
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Quantity:	00240
Units:	Pounds
Number of Containers:	004
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYC2293345
Manifest Status:	Not reported
Trans1 State ID:	LP3931NY
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	05/12/1993
Trans1 Recv Date:	05/12/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/12/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980785760
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00240
Units:	Pounds
Number of Containers:	004
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

MAJESTIC CLNRS (Continued) **S110248343**

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code 8: Not reported
Waste Code: Not reported
Waste Code 10: Not reported
Waste Code 11: Not reported
Quantity: 00675
Units: Pounds
Number of Containers: 005
Container Type: Fiberboard or plastic drums, barrels, kegs
Handling Method: Burn
Specific Gravity: 01.00

Document ID: NYC3353174
Manifest Status: Not reported
Trans1 State ID: JE4550NY
Year: 1994
Trans2 State ID: Not reported
Generator Ship Date: 11/29/1994
Trans1 Recv Date: 11/29/1994
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/29/1994
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD080451529
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: NYD980785760
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code 1: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2: Not reported
Waste Code 3: Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00700
Units:	Pounds
Number of Containers:	007
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NYC4390637
Manifest Status:	Not reported
Trans1 State ID:	NYGF2859
Year:	1996
Trans2 State ID:	MO001
Generator Ship Date:	11/25/1996
Trans1 Recv Date:	11/25/1996
Trans2 Recv Date:	12/03/1996
TSD Site Recv Date:	12/04/1996
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00240
Units:	Pounds
Number of Containers:	004
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn

MAJESTIC CLNRS (Continued) **S110248343**

Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	01170
Units:	Pounds
Number of Containers:	006
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00

Document ID:	NYC4674431
Manifest Status:	Not reported
Trans1 State ID:	NYGF2859
Year:	1997
Trans2 State ID:	FT97538
Generator Ship Date:	03/18/1997
Trans1 Recv Date:	03/18/1997
Trans2 Recv Date:	03/24/1997
TSD Site Recv Date:	03/25/1997
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	MOD095038998
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

MAJESTIC CLNRS (Continued) **S110248343**

	SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00240
Units:	Pounds
Number of Containers:	004
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00390
Units:	Pounds
Number of Containers:	002
Container Type:	Fiberboard or plastic drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NJA0018639
Manifest Status:	C - Completed copy
Trans1 State ID:	NJSWAS581
Year:	1985
Trans2 State ID:	Not reported
Generator Ship Date:	850507
Trans1 Recv Date:	850507
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850507
Part A Recv Date:	850524
Part B Recv Date:	850522
Generator EPA ID:	NYD080451529
Trans1 EPA ID:	NJD085634335
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported

MAJESTIC CLNRS (Continued) **S110248343**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00001
Units:	Cubic Yards
Number of Containers:	003
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Treat
Specific Gravity:	100
Waste Code 7:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00001
Units:	Cubic Yards
Number of Containers:	001
Container Type:	Fiber or plastic boxes, cartons, cases
Handling Method:	Treat
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
182 additional NY MANIFEST: record(s) in the EDR Site Report.

77 WNW 1/2-1 0.889 mi. 4693 ft. | **1199 SUTTER AVENUE**
1199 - 1221 SUTTER AVENUE
BROOKLYN, NY 11208 | **NY SHWS** **NY BROWNFIELDS** **NY Spills** **NY NYC LAND USE** | **S109583525** **N/A**

Relative: Higher
Actual: 19 ft.

SHWS:

Name:	1199 SUTTER AVENUE
Address:	1199 SUTTER AVENUE
City,State,Zip:	BROOKLYN, NY 11208
Program:	HW
Site Code:	434283
Classification:	N
Region:	2
Acres:	0.530
HW Code:	224141
Record Add:	05/03/2010
Record Upd:	06/13/2013
Updated By:	BXANDERS

Site Description: "Location: The site is specifically known as 1199-1221 Sutter Avenue in a mixed residential / commercial area of Brooklyn. Site Features: The site occupies about half of a city block on the north side of Sutter Avenue. Approximately one-half of the site is occupied by a one-story building divided into five separate units used for commercial and office purposes. A dry cleaner establishment formerly occupied the eastern-most unit. The former location of the dry cleaner is presently occupied by a self-service laundromat. The laundromat unit is underlain with a basement segmented with utilities, storage and several rooms. The other units also have basements. The adjacent unit is a grocery store that uses their basement as a warehouse. Current Zoning/Use: The site is within an R5 (residential) zoned area. The site is zoned C1-2 (commercial) as are the properties along the north side of a seven-block stretch of Sutter Avenue. Historic Uses: The structures on the site were constructed in 1957 and were the original development on the property. A dry cleaning facility had operated on the site for many years. Site Geology and Hydrogeology: The property is located within the Pavement and Buildings-Flatbush-Riverhead Series Soil Map Unit, which is described as anthropogenic urban fill overlying glacial out wash deposits and characterized as a sandy loam. The groundwater table is approximately 13 feet below grade and is characterized as Class GA indicating it as a potential source of potable water. Groundwater flows south. Groundwater is not utilized as a source of potable water at site."

Env Problem: "Nature and Extent of Contamination: A limited Phase II conducted in 2009 found the dry cleaning solvent tetrachloroethene (PCE) and its daughter products trichloroethene (TCE) and cis-1,2-dichloroethene (DCE) at elevated concentrations in groundwater. Permanent monitoring wells were constructed in 2009 and sampled before (August 2009) and after (November 2009) a remedial action consisting of potassium permanganate injections into on-site groundwater. The data are inconclusive as to the effectiveness of the injections. A site characterization investigation was conducted by Associated Environmental Services under NYSDEC oversight in July 2011. PCE and its daughter products remain above groundwater standards in the preexisting monitoring wells constructed during the Phase II investigation. PCE concentrations ranged from below its standard of 5 ppb to a maximum concentration of 470 ppb in MW-4. MW-4 is located in the basement of the former location of the dry cleaner. TCE and DCE

1199 SUTTER AVENUE (Continued) **S109583525**

were present in some wells and non-detect in others. The new down-gradient monitoring well (MW-5) located across Sutter Avenue had PCE, TCE and DCE at respective concentrations of 98 ppb, 5.2 ppb and 9.8 ppb. The investigation found tetrachloroethene (PCE) and trichloroethene (TCE) in indoor air in the basement of the laundromat (former dry cleaner). Elevated concentrations of PCE, TCE, cis-1,2-dichloroethene (DCE) and vinyl chloride were observed in sub-slab vapor. The indoor air sample had PCE and TCE at 68.5 micrograms per cubic meter (ug/M3) and 1.27 ug/M3 respectively. Respective sub-slab concentrations of PCE, TCE, DCE and vinyl chloride were 428,000 ug/M3, 9,730 ug/M3, 4,220 ug/M3 and 795 ug/M3. The elevated concentrations of these chlorinated VOCs in soil vapor present a significant threat to human health and indicate the presence of an on-site source. Also present in the sub-slab vapor were chloroform, dichloroethene, ethylbenzene, freon 113, styrene and toluene. The highest concentrations of contaminants in groundwater were found in a well constructed in the laundromat. PCE, TCE and DCE were dtected at the the respective concentrations of 470 parts per billion (ppm), 14 ppb and 4.3 ppb. Soil data are limited, but two soil borings behind the laundromat had PCE and TCE above their respective unrestricted soil cleanup objectives (USCOs) parts per million (ppm). DCE was also detected above its USCO in one boring. However, all were well below the commercial SCOs More soil data are needed for an accurate analysis of soil contamination at the site. Significant Threat:"

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

1199 SUTTER AVENUE (Continued) **S109583525**

BROWNFIELDS:

Name:	1199 SUTTER AVENUE
Address:	1199 - 1221 SUTTER AVENUE
City,State,Zip:	BROOKLYN, NY 11208
Program:	BCP
Site Code:	465638
Acres:	0.532
HW Code:	C224141
SWIS:	2401
Town:	New York City
Record Added Date:	06/22/2012
Record Updated Date:	09/14/2023
Update By:	SMQUANDT
Site Description:	"Location: The site is located at 1199-1221 Sutter Avenue in a mixed residential / commercial area of Brooklyn. The site is bounded by Sutter Ave. to the south, Chestnut St. to the east, Crystal St. to the west and the property rear parking lot and a residential area to the north. Site Features: An asphalt parking lot covers the northern portion of the site and a single-story building is located along the southern portion of the site abutting Sutter Avenue. The building is underlain with a basement segmented for each retail/office unit with utilities, storage and service rooms. Current Zoning and Land Use: The site is within an R5 (residential) zoned area. The site is zoned C1-2 (commercial) as are the properties along the north side of a seven-block stretch of Sutter Avenue. Past use of the Site: The structures on the site were constructed in 1957 and were the original development on the property. Spanish American Dry Cleaners occupied the eastern-most unit from September 1988 to May 1995. The former location of the dry cleaner is presently occupied by a self-service laundromat. Site Geology and Hydrogeology: The property is located within the Pavement and Buildings-Flatbush-Riverhead Series Soil Map Unit, which is described as anthropogenic urban fill overlying glacial out wash deposits and characterized as a sandy loam. The groundwater table is approximately 13 feet below grade and flows south. Groundwater is not utilized as a source of potable water at site. As detailed and managed under the Site Management System, the entire site is overlain by a NYSDEC approved cover system that consists of the buildings and pavement."
Env Problem:	"Remediation at the site is underway via an air sparge / soil vapor extraction (AS/SVE) system. The primary contaminants of concern are the dry cleaning solvent tetrachloroethene (PCE) and its daughter products trichloroethene (TCE) and cis-1,2-dichloroethene (DCE). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan. Site management includes operation of the AS/SVE system that will address soil and groundwater contamination under the building. A sub-slab depressurization system is also operating to prevent migration of contaminants into the occupied, on-site buildings. The SMP includes a provision to investigate off-site vapor when previously-denied access is gained, and to mitigate as necessary. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False

1199 SUTTER AVENUE (Continued) **S109583525**

Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-06-22 11:41:00
Record Upd:	2018-12-17 10:06:00
Updated By:	MDMACCAB
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ms. Lisa Goldstein
Owner Company:	Cypress Hills Branch
Owner Address:	Brooklyn Public Library
Owner Addr2:	1197 Sutter Ave. at Crystal St.
Owner City,St,Zip:	Brooklyn, NY 11208
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Anthony Bileddo
Owner Company:	AAA Sutter Realty LLC
Owner Address:	153-157 Seventh Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Garden City, NY 11530
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Anthony Bileddo
Owner Company:	AAA Sutter Realty LLC
Owner Address:	153-157 Seventh Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Garden City, NY 11530
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Melinda Perkins
Owner Company:	Brooklyn Community Board 5
Owner Address:	404 Pine Street, 3rd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11208
Owner Country:	United States of America
HW Code:	C224141
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224141
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224141
Waste Type:	1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224141
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

1199 SUTTER AVENUE (Continued) **S109583525**

HW Code:	C224141
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224141
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224141
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2018000405070
Cross Ref Type Code:	31
Cross Ref Type:	Environmental Easement No.
Record Added Date:	2019-03-26 11:34:00
Record Updated:	2019-03-26 11:34:00
Updated By:	MDMACCAB
Crossref ID:	C224141-04-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2018-11-14 14:28:00
Record Updated:	2018-11-14 14:28:00
Updated By:	MDMACCAB
Crossref ID:	224141
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2012-08-02 11:14:00
Record Updated:	2012-08-02 11:14:00
Updated By:	BXANDERS
Crossref ID:	0902686
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-07-15 15:14:00
Record Updated:	2015-07-15 15:14:00
Updated By:	MDMACCAB
Crossref ID:	2018000405070
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-03-26 11:34:00
Record Updated:	2019-12-12 16:14:00
Updated By:	GWHEITZM

SPILLS:

Name:	COMMERCIAL PROPERTY
Address:	1199 SUTTER AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0902686 / 2010-07-15
Facility ID:	0902686
Facility Type:	ER
DER Facility ID:	363885
Site ID:	414744
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2009-06-05

1199 SUTTER AVENUE (Continued) **S109583525**

Investigator:	JMOCONNE
Referred To:	SITE # 224141
Reported to Dept:	2009-06-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-06-05
Spill Record Last Update:	2010-07-15
Spiller Name:	ANTHONY BILEDO
Spiller Company:	COMMERCIAL PROPERTY
Spiller Address:	1199 SUTTER AVE
Spiller Company:	999
Contact Name:	CHRISTINE MAZZARELLA
Latitude:	40.6725840
Longitude:	-73.8736920
DEC Memo:	6/17/2009 Sangesland reviewed Phase 2 report (see e-Docs) - Summary below. Krimgold reviewed these notes and agrees with Phase 2 report Recommendation plan. Report Summary: Boring B7 contained 5100ppb of Tetrachloroethene, over the RSCO of 1400ppb. Several GW samples were above limits for VOCs, PCE, Methylene Chloride, Trichloroethene and cis-1,2-Dichloroethene - see report for details Report Recommendations: ...it is recommended that an injection program utilizing Potassium Permanganate...be implemented... In addition shallow and deep monitoring wells should be installed in several strategic locations to monitor the effectiveness of the injection event. 6/17/2009 - Krimgold gave approval for Sangesland to give direction to Associated Environmental to go forward with the Recommended Plan. 4/21/10 (JOC) - re-assigned to Joe O'Connell; - System is prompting for 17-1743 notification determination: This event was not reported pursuant to 17-1743, nor does it qualify for it. No was selected in the system to resolve the prompt; - P-site memo was distributed March 24, 2010; no responses to date; proceeding with P-site owner letter. 7/15/10 - the circumstances that were being evaluated under this spill number will be further evaluated under SSF as site #224141. No further tracking of activities will occur under this spill number. Administratively closed. See site #224141 for further information. (JOC)
Remarks:	CALLER STATES THAT THEY GOT TEST RESULTS BACK SHOWING CONTAMINATED GROUND WATER AND SOIL. CLEAN UP PENDING.

All Materials:

Site ID:	414744
Operable Unit ID:	1171122

1199 SUTTER AVENUE (Continued) **S109583525**

Operable Unit:	01
Material ID:	2162910
Material Code:	0040A
Material Name:	tetrachloroethene (PCE)
Case No.:	00127184
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil, Groundwater
Oxygenate:	Not reported

Site ID:	414744
Operable Unit ID:	1171122
Operable Unit:	01
Material ID:	2162911
Material Code:	1782A
Material Name:	tetrachloroethene
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil, Groundwater
Oxygenate:	Not reported

NYC LAND USE:

Name:	Not reported
Address:	1199 SUTTER AVENUE
City,State,Zip:	BROOKLYN, NY 11208
Latitude:	40.6728467
Longitude:	-73.8733497
Type Of Ownership Code:	Not reported
Owner Name:	AAA SUTTER REALTY LLC
Borough:	BK
Tax Block:	4248
Tax Lot:	1
Community District:	305
Census Tract 2020:	3119600
Census Block 2020:	31196004004
Census Tract 2010:	1196
Census Block 2010:	4004
School District:	19
City Council District:	42
Fire Company:	L107
Police Precinct:	75
Health Center District:	33
Health Area:	6410
Sanitation District Boro:	3
Sanitation District Number:	05
Sanitation Subsection:	3D
Zoning District 1:	R5: Residential Districts
Zoning District 2:	Not reported
Zoning District 3:	Not reported
Zoning District 4:	Not reported
Commercial Overlay 1:	C1-2

1199 SUTTER AVENUE (Continued) **S109583525**

Commercial Overlay 2:	Not reported
Special Purpose District 1:	Not reported
Special Purpose District 2:	Not reported
Special Purpose District 3:	Not reported
Limited Height District:	Not reported
Spill Boundary Indicator:	N
Building Class:	K1: STORE BUILDINGS (TAXPAYERS INCLUDED) - One Story Retail Building
Land Use Category:	Commercial & Office Buildings
Number Of Easements:	0
Lot Area:	23025
Total Building Floor Area:	15825
Commercial Floor Area:	15825
Residential Floor Area:	0
Office Floor Area:	0
Retail Floor Area:	15825
Garage Floor Area:	0
Storage Floor Area:	0
Factory Floor Area:	0
Other Floor Area:	0
Total Building Floor Area Source Code:	2
Number Of Buildings:	1
Number Of Floors:	1.0000000
Residential Units:	0
Total Units:	5
Lot Frontage:	200.0000000
Lot Depth:	100.0000000
Building Frontage:	200.0000000
Building Depth:	100.0000000
Extension Code:	N
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type/Grade:	0
Assessed Land Value:	383400.00000
Assessed Total Value:	1169550.00000
Exempt Total Value:	0.00000
Year Built:	1965
Year Altered 1:	2007
Year Altered 2:	0
Historic District Name:	Not reported
Landmark Status:	Not reported
Built Floor Area Ratio:	0.69000000000
Maximum Allowable Residential Far:	1.25000000000
Maximum Allowable Commercial Far:	0.00000000000
Maximum Allowable Community Facility Far:	2.00000000000
Boro Code:	3
Borough, Tax Block and Lot:	3042480001.00000000
Condominium Number:	Not reported
Census Tract 2:	1196
X Coordinate:	1019382
Y Coordinate:	184438
Zoning Map #:	17c
Zoning Map Code:	Not reported
Sanborn Map #:	308 044
Tax Map #:	31308
E-designation Number:	Not reported
Apportionment BBL:	Not reported

1199 SUTTER AVENUE (Continued) **S109583525**

Apportionment Date:	Not reported
Pluto ??? Dtm Base Map Indicator:	1
2007 Flood Insurance Rate Map Indicator:	Not reported
2015 Preliminary Flood Insurance Rate Map Indicator:	Not reported
Version Number:	24v1.1
Changed By DCP:	Not reported

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78 WNW 1/2-1 0.926 mi. 4888 ft. **447 EUCLID AVENUE** **NY VCP S129932453**
447 EUCLID AVENUE **NY NYC OER N/A**
BROOKLYN, NY

Relative: Higher

Actual: 31 ft.

VCP NYC:

Project ID:	19TMP1428K,19EH-N325K
Name:	447 EUCLID AVENUE
Address:	447 EUCLID AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	30,421,400,123,042,100,000
OER Program:	VCP (Withdrawn), E/RD (Review)
Phase:	Completed
Latitude:	40.676252
Longitude:	-73.872114
Postcode:	5
Community Board:	42
Council District:	1196
Census Tract:	3000000
BIN:	3042140012
NTA:	East New York

NYC OER:

Name:	447 EUCLID AVENUE
Address:	447 EUCLID AVENUE
City,State,Zip:	BROOKLYN, NY
Latitude:	40.676252
Longitude:	-73.872114
OER Project Numbers:	19TMP1428K,19EH-N325K
BBL:	3.0421400123042099E+19
OER Program:	VCP (Withdrawn), E/RD (Review)
Class:	Completed (C)
Phase:	Completed
URL:	https://a002-epic.nyc.gov/app/workspace/9527/docrepository
Postcode:	5
Community Board:	42
Council District:	1196
Census Tract:	3000000
BIN:	3042140012
NTA:	East New York

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S105842284	NYCDOS BULK SITE AT FORBELL STREET	FORBELL STREET	11208	NY SWF/LF, NY SWRCY
BROOKLYN	S109064325	GULF STATION	2992 LINDEN BLVD		NY LTANKS
BROOKLYN	S125465259	LINWOOD STREET GW	LINWOOD ST BETWEEN WORTMAN ST	11208	NY SHWS
HOWARD BEACH	S108146261	FAIRFIELD ESTATES	RUBY & AMBER STREETS	11414	NY HSWDS
JAMAICA	S111159982	BROOKLYN VA MED CTR - TTF	179 -00 LINDEN BLVD		NY LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/18/2024
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 07/30/2024
Date Data Arrived at EDR: 07/31/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 06/17/2024
Date Data Arrived at EDR: 06/18/2024
Date Made Active in Reports: 09/12/2024
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 06/17/2024
Date Data Arrived at EDR: 06/18/2024
Date Made Active in Reports: 09/12/2024
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 06/17/2024
Date Data Arrived at EDR: 06/18/2024
Date Made Active in Reports: 09/12/2024
Number of Days to Update: 86
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 06/17/2024
Date Data Arrived at EDR: 06/18/2024
Date Made Active in Reports: 09/12/2024
Number of Days to Update: 86
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 06/17/2024
Date Data Arrived at EDR: 06/18/2024
Date Made Active in Reports: 09/12/2024
Number of Days to Update: 86
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/18/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 03/22/2024
Date Data Arrived at EDR: 06/13/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 83
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/14/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 82
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/09/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/05/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 90

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/18/2024
Number of Days to Update: 83
Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63
Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 05/21/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 79

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 05/21/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 79

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 04/19/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 07/30/2024
Date Data Arrived at EDR: 07/31/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 5
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database
This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/14/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/12/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/12/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/15/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/06/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 89

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 99

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/14/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 85

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2024
Date Data Arrived at EDR: 06/14/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 82

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/14/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database
US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database
EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System
EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

PFAS 2: New York State Inactive Landfill Initiative
A list of landfills that were investigated and the analytical results for PFOA and PFOS for those landfills. These data represent the landfills from the ILI database that were investigated.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

PFAS 3: PFAS Environmental Site Remediation List

A list of records included in the Environmental Remediation database whose material is listed as Perfluorooctanoic Acid or Perfluorooctane Sulfonic Acid.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9759
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 05/06/2024
Date Data Arrived at EDR: 05/09/2024
Date Made Active in Reports: 08/06/2024
Number of Days to Update: 89

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 03/26/2024
Date Data Arrived at EDR: 03/27/2024
Date Made Active in Reports: 06/21/2024
Number of Days to Update: 86

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 08/29/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 05/06/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 84

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 03/27/2024
Date Data Arrived at EDR: 03/28/2024
Date Made Active in Reports: 06/18/2024
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/30/2024
Date Data Arrived at EDR: 08/30/2024
Date Made Active in Reports: 09/13/2024
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/22/2024
Number of Days to Update: 82

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 04/29/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 07/25/2024
Number of Days to Update: 85

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 04/12/2024
Date Data Arrived at EDR: 05/09/2024
Date Made Active in Reports: 08/06/2024
Number of Days to Update: 89

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 05/27/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/26/2024
Number of Days to Update: 88

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 04/02/2024
Date Data Arrived at EDR: 04/10/2024
Date Made Active in Reports: 07/09/2024
Number of Days to Update: 90

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

MGP: Manufactured Gas Plants Listing

From the late 1800's to the mid 1900's, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel for heating, cooking, and lighting. Today, the New York State DEC is overseeing the investigation and cleanup of contamination left behind from these plants.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

ILI: New York State Inactive Landfill Initiative

A solid waste site priority list of mitigation and remedial activities to address sites causing, or substantially contributing to, impairments of drinking water quality. Inactive solid waste disposal sites, primarily landfills, and their potential impact on New York?s drinking water resources from site-related contaminants, with a focus on emerging contaminants.

Date of Government Version: 05/16/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/26/2024
Number of Days to Update: 88

Source: Department of Environmental Conservation
Telephone: 518-402-8671
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

NYC LAND USE: New York City Land Use Information

Land use colors

Date of Government Version: 05/03/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/28/2024
Number of Days to Update: 16

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Varies

NYC OER: OER Cleanup Sites Listing

Properties remediated under OER's oversight, both in the E-Designation program and the NYC Voluntary Cleanup Program. Includes sites completed and in progress.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/05/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 90

Source: Office of Environmental Remediation
Telephone: 212-788-8841
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database
This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 05/15/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 85

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 05/15/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 85

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/05/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 08/01/2024
Number of Days to Update: 86

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

137-25 SAPPHIRE STREET
13725 78TH ST
HOWARD BEACH, NY 11414

TARGET PROPERTY COORDINATES

Latitude (North):	40.669419 - 40° 40' 9.91''
Longitude (West):	73.856589 - 73° 51' 23.72''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	596645.0
UTM Y (Meters):	4502477.5
Elevation:	5 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14105978 JAMAICA, NY
Version Date:	2019
West Map:	14115940 BROOKLYN, NY
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

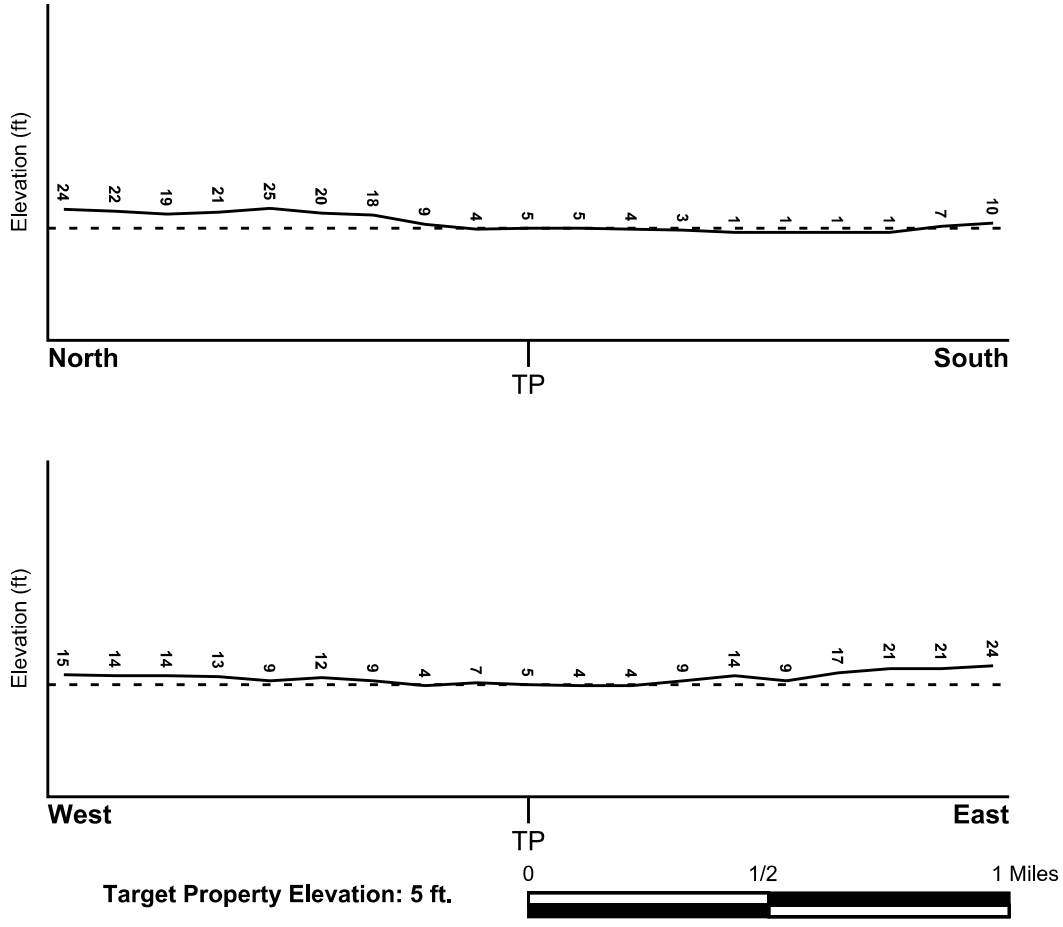
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970236F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970065B	FEMA Q3 Flood data
3604970237F	FEMA FIRM Flood data
3604970075C	FEMA Q3 Flood data
3604970238F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Pleistocene
Code:	Qp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000828147	1/4 - 1/2 Mile North
A2	USGS40000828134	1/4 - 1/2 Mile NNW
A3	USGS40000828157	1/4 - 1/2 Mile NNW
B4	USGS40000827776	1/4 - 1/2 Mile SSW
C7	USGS40000828148	1/4 - 1/2 Mile NW
C8	USGS40000828149	1/4 - 1/2 Mile NW
9	USGS40000828001	1/2 - 1 Mile East
E12	USGS40000828318	1/2 - 1 Mile NW
E13	USGS40000828319	1/2 - 1 Mile NW
14	USGS40000827932	1/2 - 1 Mile WSW
16	USGS40000828449	1/2 - 1 Mile North
17	USGS40000828433	1/2 - 1 Mile NNW
F18	USGS40000828091	1/2 - 1 Mile West
19	USGS40000827996	1/2 - 1 Mile East
F20	USGS40000828073	1/2 - 1 Mile West
21	USGS40000828389	1/2 - 1 Mile NE
22	USGS40000827625	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

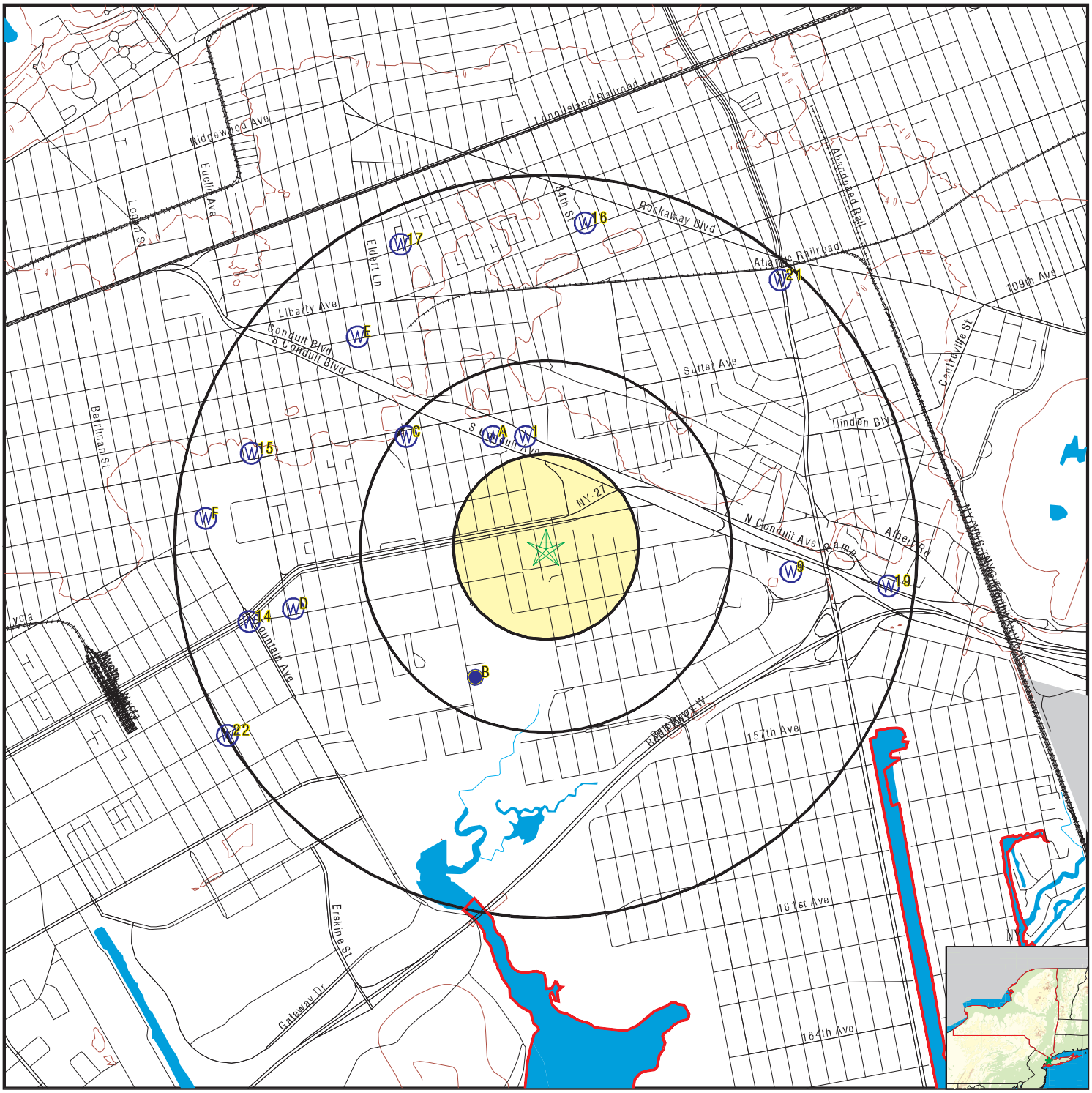
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	NYREG1200061571	1/4 - 1/2 Mile SSW
B6	NYREG1200061572	1/4 - 1/2 Mile SSW
D10	NYREG1200061510	1/2 - 1 Mile WSW
D11	NYREG1200061476	1/2 - 1 Mile WSW
15	NYREG1200061374	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 7765872.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	137-25 Sapphire Street	CLIENT:	GZA GeoEnvironmental, Inc.
ADDRESS:	13725 78TH ST Howard Beach NY 11414	CONTACT:	Vicki Curran
LAT/LONG:	40.669419 / 73.856589	INQUIRY #:	7765872.2s
		DATE:	September 17, 2024 10:19 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828147**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1459. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Jameco Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	11	Level reading date:	1948-02-28
Feet below surface:	Not Reported	Feet to sea level:	-0.51
Note:	Not Reported		

Level reading date:	1948-02-21	Feet below surface:	Not Reported
Feet to sea level:	-0.68	Note:	Not Reported
Level reading date:	1948-02-14	Feet below surface:	Not Reported
Feet to sea level:	-0.85	Note:	Not Reported
Level reading date:	1948-02-07	Feet below surface:	Not Reported
Feet to sea level:	-0.91	Note:	Not Reported
Level reading date:	1948-01-31	Feet below surface:	Not Reported
Feet to sea level:	-0.90	Note:	Not Reported
Level reading date:	1948-01-24	Feet below surface:	Not Reported
Feet to sea level:	-0.85	Note:	Not Reported
Level reading date:	1948-01-17	Feet below surface:	Not Reported
Feet to sea level:	-0.84	Note:	Not Reported
Level reading date:	1948-01-10	Feet below surface:	Not Reported
Feet to sea level:	-0.92	Note:	Not Reported
Level reading date:	1948-01-03	Feet below surface:	Not Reported
Feet to sea level:	-1.00	Note:	Not Reported
Level reading date:	1947-12-20	Feet below surface:	Not Reported
Feet to sea level:	-1.00	Note:	Not Reported
Level reading date:	1947-12-19	Feet below surface:	Not Reported
Feet to sea level:	-0.97	Note:	Not Reported

A2
NNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828134**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 634. 1	Type:	Well
Description:	Not Reported	HUC:	02030202

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	149	Well Hole Depth Units:	ft

A3
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828157**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 340. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	162	Well Hole Depth Units:	ft

B4
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000827776**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3426. 1	Type:	Well
Description:	3701	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	494	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

B5
SSW
1/4 - 1/2 Mile
Higher

NY WELLS **NYREG1200061571**

WELLS REG 1:

Well Number:	K003426	Well Type:	Monitoring
Owner:	Nyc Sanitation Dept.	Diameter (in):	6
Well Depth (ft):	494	Casing Length (ft):	Not Reported
Screen Length (ft):	Not Reported	Pump Capacity (gpm):	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B6
SSW
1/4 - 1/2 Mile
Higher | **NY WELLS** | **NYREG1200061572**

WELLS REG 1:

Well Number:	K003426	Well Type:	Monitoring
Owner:	Nyc Sanitation Dept.	Diameter (in):	6
Well Depth (ft):	494	Casing Length (ft):	Not Reported
Screen Length (ft):	Not Reported	Pump Capacity (gpm):	0

C7
NW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828148**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3271. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	34
Well Depth Units:	ft	Well Hole Depth:	34
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	127	Level reading date:	2005-02-15
Feet below surface:	Not Reported	Feet to sea level:	6.27
Note:	Not Reported		

Level reading date:	2005-01-21	Feet below surface:	Not Reported
Feet to sea level:	6.26	Note:	Not Reported
Level reading date:	2004-12-15	Feet below surface:	Not Reported
Feet to sea level:	6.25	Note:	Not Reported
Level reading date:	2004-11-23	Feet below surface:	Not Reported
Feet to sea level:	6.28	Note:	Not Reported
Level reading date:	2004-10-21	Feet below surface:	Not Reported
Feet to sea level:	6.53	Note:	Not Reported
Level reading date:	2004-09-21	Feet below surface:	Not Reported
Feet to sea level:	6.58	Note:	Not Reported
Level reading date:	2004-08-25	Feet below surface:	Not Reported
Feet to sea level:	6.64	Note:	Not Reported
Level reading date:	2004-07-19	Feet below surface:	Not Reported
Feet to sea level:	6.57	Note:	Not Reported
Level reading date:	2004-06-16	Feet below surface:	Not Reported
Feet to sea level:	6.10	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	6.22	Note:	Not Reported

Level reading date:	2004-04-29	Feet below surface:	Not Reported
Feet to sea level:	6.17	Note:	Not Reported
Level reading date:	2004-03-21	Feet below surface:	Not Reported
Feet to sea level:	5.95	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	2003-12-18	Feet below surface:	Not Reported
Feet to sea level:	6.29	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	6.03	Note:	Not Reported
Level reading date:	2003-10-29	Feet below surface:	Not Reported
Feet to sea level:	6.00	Note:	Not Reported
Level reading date:	2003-09-24	Feet below surface:	Not Reported
Feet to sea level:	6.09	Note:	Not Reported
Level reading date:	2003-08-25	Feet below surface:	Not Reported
Feet to sea level:	6.26	Note:	Not Reported
Level reading date:	2003-07-21	Feet below surface:	Not Reported
Feet to sea level:	6.34	Note:	Not Reported
Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	6.55	Note:	Not Reported
Level reading date:	2003-05-19	Feet below surface:	Not Reported
Feet to sea level:	5.96	Note:	Not Reported
Level reading date:	2003-04-28	Feet below surface:	Not Reported
Feet to sea level:	6.07	Note:	Not Reported
Level reading date:	2003-03-18	Feet below surface:	Not Reported
Feet to sea level:	6.04	Note:	Not Reported
Level reading date:	2003-01-28	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	2002-12-27	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	2002-11-25	Feet below surface:	Not Reported
Feet to sea level:	6.04	Note:	Not Reported
Level reading date:	2002-10-21	Feet below surface:	Not Reported
Feet to sea level:	5.93	Note:	Not Reported
Level reading date:	2002-09-25	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	2002-08-27	Feet below surface:	Not Reported
Feet to sea level:	5.39	Note:	Not Reported
Level reading date:	2002-07-22	Feet below surface:	Not Reported
Feet to sea level:	5.53	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported

Level reading date:	2002-05-29	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	2002-04-24	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	2002-02-27	Feet below surface:	Not Reported
Feet to sea level:	5.48	Note:	Not Reported
Level reading date:	2002-01-28	Feet below surface:	Not Reported
Feet to sea level:	5.52	Note:	Not Reported
Level reading date:	2001-12-28	Feet below surface:	Not Reported
Feet to sea level:	5.57	Note:	Not Reported
Level reading date:	2001-11-15	Feet below surface:	Not Reported
Feet to sea level:	5.61	Note:	Not Reported
Level reading date:	2001-10-24	Feet below surface:	Not Reported
Feet to sea level:	5.72	Note:	Not Reported
Level reading date:	2001-09-26	Feet below surface:	Not Reported
Feet to sea level:	5.91	Note:	Not Reported
Level reading date:	2001-08-29	Feet below surface:	Not Reported
Feet to sea level:	5.93	Note:	Not Reported
Level reading date:	2001-07-24	Feet below surface:	Not Reported
Feet to sea level:	6.01	Note:	Not Reported
Level reading date:	2001-06-28	Feet below surface:	Not Reported
Feet to sea level:	6.07	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	Not Reported
Feet to sea level:	5.99	Note:	Not Reported
Level reading date:	2001-04-25	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	2001-03-20	Feet below surface:	Not Reported
Feet to sea level:	5.92	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	Not Reported
Feet to sea level:	5.86	Note:	Not Reported
Level reading date:	2001-01-17	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	2000-12-19	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	2000-11-28	Feet below surface:	Not Reported
Feet to sea level:	5.69	Note:	Not Reported
Level reading date:	2000-10-24	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported

Level reading date:	2000-08-24	Feet below surface:	Not Reported
Feet to sea level:	6.03	Note:	Not Reported
Level reading date:	2000-07-27	Feet below surface:	Not Reported
Feet to sea level:	6.00	Note:	Not Reported
Level reading date:	2000-06-28	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	2000-05-23	Feet below surface:	Not Reported
Feet to sea level:	5.99	Note:	Not Reported
Level reading date:	2000-04-27	Feet below surface:	Not Reported
Feet to sea level:	5.98	Note:	Not Reported
Level reading date:	2000-03-23	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported
Level reading date:	2000-02-29	Feet below surface:	Not Reported
Feet to sea level:	5.74	Note:	Not Reported
Level reading date:	1999-12-13	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1999-11-23	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	1999-10-19	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1999-09-23	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	Not Reported
Feet to sea level:	5.67	Note:	Not Reported
Level reading date:	1999-07-16	Feet below surface:	Not Reported
Feet to sea level:	5.64	Note:	Not Reported
Level reading date:	1999-06-24	Feet below surface:	Not Reported
Feet to sea level:	5.74	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	Not Reported
Feet to sea level:	5.83	Note:	Not Reported
Level reading date:	1999-04-28	Feet below surface:	Not Reported
Feet to sea level:	5.96	Note:	Not Reported
Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	6.29	Note:	Not Reported
Level reading date:	1999-03-02	Feet below surface:	Not Reported
Feet to sea level:	6.30	Note:	Not Reported
Level reading date:	1999-01-27	Feet below surface:	Not Reported
Feet to sea level:	6.52	Note:	Not Reported
Level reading date:	1998-11-24	Feet below surface:	Not Reported
Feet to sea level:	5.71	Note:	Not Reported
Level reading date:	1998-09-29	Feet below surface:	Not Reported
Feet to sea level:	5.94	Note:	Not Reported

Level reading date:	1998-09-01	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	1998-07-28	Feet below surface:	Not Reported
Feet to sea level:	6.23	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	6.39	Note:	Not Reported
Level reading date:	1998-03-26	Feet below surface:	Not Reported
Feet to sea level:	6.08	Note:	Not Reported
Level reading date:	1998-02-25	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	1998-01-27	Feet below surface:	Not Reported
Feet to sea level:	6.13	Note:	Not Reported
Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	6.02	Note:	Not Reported
Level reading date:	1997-11-25	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	1997-10-29	Feet below surface:	Not Reported
Feet to sea level:	6.24	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	6.48	Note:	Not Reported
Level reading date:	1997-03-24	Feet below surface:	Not Reported
Feet to sea level:	5.98	Note:	Not Reported
Level reading date:	1996-07-05	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1996-03-14	Feet below surface:	Not Reported
Feet to sea level:	5.93	Note:	Not Reported
Level reading date:	1995-09-29	Feet below surface:	Not Reported
Feet to sea level:	5.38	Note:	Not Reported
Level reading date:	1995-06-21	Feet below surface:	Not Reported
Feet to sea level:	5.48	Note:	Not Reported
Level reading date:	1995-03-14	Feet below surface:	Not Reported
Feet to sea level:	5.63	Note:	Not Reported
Level reading date:	1995-01-03	Feet below surface:	Not Reported
Feet to sea level:	5.57	Note:	Not Reported
Level reading date:	1994-03-24	Feet below surface:	Not Reported
Feet to sea level:	4.52	Note:	Not Reported
Level reading date:	1993-08-24	Feet below surface:	Not Reported
Feet to sea level:	5.01	Note:	Not Reported
Level reading date:	1993-07-22	Feet below surface:	Not Reported
Feet to sea level:	4.90	Note:	Not Reported
Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	5.16	Note:	Not Reported

Level reading date:	1993-05-24	Feet below surface:	Not Reported
Feet to sea level:	5.43	Note:	Not Reported
Level reading date:	1993-04-28	Feet below surface:	Not Reported
Feet to sea level:	6.01	Note:	Not Reported
Level reading date:	1993-03-22	Feet below surface:	Not Reported
Feet to sea level:	6.10	Note:	Not Reported
Level reading date:	1993-01-19	Feet below surface:	Not Reported
Feet to sea level:	5.89	Note:	Not Reported
Level reading date:	1992-12-28	Feet below surface:	Not Reported
Feet to sea level:	5.95	Note:	Not Reported
Level reading date:	1992-11-19	Feet below surface:	Not Reported
Feet to sea level:	5.68	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1992-09-18	Feet below surface:	Not Reported
Feet to sea level:	5.89	Note:	Not Reported
Level reading date:	1992-08-24	Feet below surface:	Not Reported
Feet to sea level:	6.20	Note:	Not Reported
Level reading date:	1992-07-16	Feet below surface:	Not Reported
Feet to sea level:	5.87	Note:	Not Reported
Level reading date:	1992-06-23	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1992-06-12	Feet below surface:	Not Reported
Feet to sea level:	5.82	Note:	Not Reported
Level reading date:	1992-03-17	Feet below surface:	Not Reported
Feet to sea level:	5.73	Note:	Not Reported
Level reading date:	1991-03-20	Feet below surface:	Not Reported
Feet to sea level:	6.22	Note:	Not Reported
Level reading date:	1990-03-27	Feet below surface:	Not Reported
Feet to sea level:	5.52	Note:	Not Reported
Level reading date:	1989-03-08	Feet below surface:	Not Reported
Feet to sea level:	5.27	Note:	Not Reported
Level reading date:	1985-10-02	Feet below surface:	Not Reported
Feet to sea level:	4.79	Note:	Not Reported
Level reading date:	1985-05-20	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.92	Note:	Not Reported
Level reading date:	1984-10-03	Feet below surface:	Not Reported
Feet to sea level:	5.09	Note:	Not Reported
Level reading date:	1984-06-26	Feet below surface:	Not Reported
Feet to sea level:	5.61	Note:	Not Reported

Level reading date:	1984-03-27	Feet below surface:	Not Reported
Feet to sea level:	5.32	Note:	Not Reported
Level reading date:	1984-03-19	Feet below surface:	Not Reported
Feet to sea level:	5.51	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	5.47	Note:	Not Reported
Level reading date:	1983-09-28	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	1983-06-28	Feet below surface:	Not Reported
Feet to sea level:	4.85	Note:	Not Reported
Level reading date:	1983-03-22	Feet below surface:	Not Reported
Feet to sea level:	5.20	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	4.46	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	4.72	Note:	Not Reported
Level reading date:	1982-06-01	Feet below surface:	Not Reported
Feet to sea level:	4.85	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	4.83	Note:	Not Reported
Level reading date:	1981-09-22	Feet below surface:	Not Reported
Feet to sea level:	4.80	Note:	Not Reported
Level reading date:	1981-06-30	Feet below surface:	Not Reported
Feet to sea level:	4.86	Note:	Not Reported

C8
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828149**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3271. 2	Type:	Well
Description:	S/E CORNER OF ELDERT LAND AND SUTTER AVE, ENY		
HUC:	02030202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20050606	Well Depth:	45
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
East
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000828001**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 345. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	219	Well Hole Depth Units:	ft

D10
WSW
1/2 - 1 Mile
Higher | **NY WELLS** | **NYREG1200061510**

WELLS REG 1:

Well Number:	K003475	Well Type:	Commercial/Industrial Supply
Owner:	World Cleaners	Diameter (in):	6
Well Depth (ft):	100	Casing Length (ft):	Not Reported
Screen Length (ft):	Not Reported	Pump Capacity (gpm):	45

D11
WSW
1/2 - 1 Mile
Higher | **NY WELLS** | **NYREG1200061476**

WELLS REG 1:

Well Number:	K003507	Well Type:	Commercial/Industrial Supply
Owner:	Laundry Land	Diameter (in):	6
Well Depth (ft):	100	Casing Length (ft):	Not Reported
Screen Length (ft):	Not Reported	Pump Capacity (gpm):	45

E12
NW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000828318**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1296. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	34
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	204	Level reading date:	1953-03-24
Feet below surface:	Not Reported	Feet to sea level:	2.98
Note:	Not Reported		
Level reading date:	1953-02-26	Feet below surface:	Not Reported
Feet to sea level:	2.60	Note:	Not Reported
Level reading date:	1953-02-05	Feet below surface:	Not Reported
Feet to sea level:	2.53	Note:	Not Reported
Level reading date:	1952-12-23	Feet below surface:	Not Reported
Feet to sea level:	2.10	Note:	Not Reported
Level reading date:	1952-12-04	Feet below surface:	Not Reported
Feet to sea level:	1.59	Note:	Not Reported
Level reading date:	1952-11-04	Feet below surface:	Not Reported
Feet to sea level:	1.68	Note:	Not Reported
Level reading date:	1952-09-23	Feet below surface:	Not Reported
Feet to sea level:	2.14	Note:	Not Reported
Level reading date:	1952-08-26	Feet below surface:	Not Reported
Feet to sea level:	2.48	Note:	Not Reported
Level reading date:	1952-07-25	Feet below surface:	Not Reported
Feet to sea level:	2.37	Note:	Not Reported
Level reading date:	1952-06-23	Feet below surface:	Not Reported
Feet to sea level:	2.62	Note:	Not Reported
Level reading date:	1952-05-26	Feet below surface:	Not Reported
Feet to sea level:	2.77	Note:	Not Reported
Level reading date:	1952-04-28	Feet below surface:	Not Reported
Feet to sea level:	2.56	Note:	Not Reported
Level reading date:	1952-03-20	Feet below surface:	Not Reported
Feet to sea level:	2.44	Note:	Not Reported
Level reading date:	1952-02-19	Feet below surface:	Not Reported
Feet to sea level:	2.20	Note:	Not Reported
Level reading date:	1952-01-28	Feet below surface:	Not Reported
Feet to sea level:	2.28	Note:	Not Reported
Level reading date:	1951-12-26	Feet below surface:	Not Reported
Feet to sea level:	2.10	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	1.83	Note:	Not Reported
Level reading date:	1951-11-01	Feet below surface:	Not Reported
Feet to sea level:	1.24	Note:	Not Reported
Level reading date:	1951-10-02	Feet below surface:	Not Reported
Feet to sea level:	1.13	Note:	Not Reported
Level reading date:	1951-09-26	Feet below surface:	Not Reported
Feet to sea level:	1.20	Note:	Not Reported
Level reading date:	1951-08-31	Feet below surface:	Not Reported

Feet to sea level:	1.70	Note:	Not Reported
Level reading date:	1951-07-24	Feet below surface:	Not Reported
Feet to sea level:	1.24	Note:	Not Reported
Level reading date:	1951-06-26	Feet below surface:	Not Reported
Feet to sea level:	1.45	Note:	Not Reported
Level reading date:	1951-05-29	Feet below surface:	Not Reported
Feet to sea level:	1.72	Note:	Not Reported
Level reading date:	1951-04-27	Feet below surface:	Not Reported
Feet to sea level:	1.50	Note:	Not Reported
Level reading date:	1951-03-26	Feet below surface:	Not Reported
Feet to sea level:	1.28	Note:	Not Reported
Level reading date:	1951-02-23	Feet below surface:	Not Reported
Feet to sea level:	1.24	Note:	Not Reported
Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	0.90	Note:	Not Reported
Level reading date:	1950-12-18	Feet below surface:	Not Reported
Feet to sea level:	1.03	Note:	Not Reported
Level reading date:	1950-11-27	Feet below surface:	Not Reported
Feet to sea level:	0.61	Note:	Not Reported
Level reading date:	1950-10-30	Feet below surface:	Not Reported
Feet to sea level:	0.51	Note:	Not Reported
Level reading date:	1950-09-26	Feet below surface:	Not Reported
Feet to sea level:	0.62	Note:	Not Reported
Level reading date:	1950-08-28	Feet below surface:	Not Reported
Feet to sea level:	0.84	Note:	Not Reported
Level reading date:	1950-07-26	Feet below surface:	Not Reported
Feet to sea level:	0.80	Note:	Not Reported
Level reading date:	1950-06-28	Feet below surface:	Not Reported
Feet to sea level:	0.63	Note:	Not Reported
Level reading date:	1950-06-05	Feet below surface:	Not Reported
Feet to sea level:	0.80	Note:	Not Reported
Level reading date:	1950-04-27	Feet below surface:	Not Reported
Feet to sea level:	0.81	Note:	Not Reported
Level reading date:	1950-03-29	Feet below surface:	Not Reported
Feet to sea level:	1.03	Note:	Not Reported
Level reading date:	1950-02-28	Feet below surface:	Not Reported
Feet to sea level:	0.96	Note:	Not Reported
Level reading date:	1950-01-26	Feet below surface:	Not Reported
Feet to sea level:	0.38	Note:	Not Reported
Level reading date:	1949-12-27	Feet below surface:	Not Reported
Feet to sea level:	0.37	Note:	Not Reported

Level reading date:	1949-11-28	Feet below surface:	Not Reported
Feet to sea level:	0.47	Note:	Not Reported
Level reading date:	1949-10-31	Feet below surface:	Not Reported
Feet to sea level:	0.54	Note:	Not Reported
Level reading date:	1949-09-28	Feet below surface:	Not Reported
Feet to sea level:	0.53	Note:	Not Reported
Level reading date:	1949-08-31	Feet below surface:	Not Reported
Feet to sea level:	0.68	Note:	Not Reported
Level reading date:	1949-08-02	Feet below surface:	Not Reported
Feet to sea level:	0.55	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	0.57	Note:	Not Reported
Level reading date:	1949-05-31	Feet below surface:	Not Reported
Feet to sea level:	0.75	Note:	Not Reported
Level reading date:	1949-04-27	Feet below surface:	Not Reported
Feet to sea level:	0.47	Note:	Not Reported
Level reading date:	1949-04-18	Feet below surface:	Not Reported
Feet to sea level:	0.41	Note:	Not Reported
Level reading date:	1949-02-23	Feet below surface:	Not Reported
Feet to sea level:	0.34	Note:	Not Reported
Level reading date:	1949-01-26	Feet below surface:	Not Reported
Feet to sea level:	0.19	Note:	Not Reported
Level reading date:	1948-12-28	Feet below surface:	Not Reported
Feet to sea level:	-0.40	Note:	Not Reported
Level reading date:	1948-12-09	Feet below surface:	Not Reported
Feet to sea level:	-0.51	Note:	Not Reported
Level reading date:	1948-11-03	Feet below surface:	Not Reported
Feet to sea level:	-0.29	Note:	Not Reported
Level reading date:	1948-10-04	Feet below surface:	Not Reported
Feet to sea level:	-0.14	Note:	Not Reported
Level reading date:	1948-09-01	Feet below surface:	Not Reported
Feet to sea level:	0.43	Note:	Not Reported
Level reading date:	1948-07-27	Feet below surface:	Not Reported
Feet to sea level:	1.28	Note:	Not Reported
Level reading date:	1948-07-06	Feet below surface:	Not Reported
Feet to sea level:	0.21	Note:	Not Reported
Level reading date:	1948-06-02	Feet below surface:	Not Reported
Feet to sea level:	-0.14	Note:	Not Reported
Level reading date:	1948-04-28	Feet below surface:	Not Reported
Feet to sea level:	-0.35	Note:	Not Reported
Level reading date:	1948-03-26	Feet below surface:	Not Reported
Feet to sea level:	-0.54	Note:	Not Reported

Level reading date:	1948-03-03	Feet below surface:	Not Reported
Feet to sea level:	-0.70	Note:	Not Reported
Level reading date:	1948-02-03	Feet below surface:	Not Reported
Feet to sea level:	-1.07	Note:	Not Reported
Level reading date:	1948-01-09	Feet below surface:	Not Reported
Feet to sea level:	-1.23	Note:	Not Reported
Level reading date:	1947-12-17	Feet below surface:	Not Reported
Feet to sea level:	-0.99	Note:	Not Reported
Level reading date:	1947-11-26	Feet below surface:	Not Reported
Feet to sea level:	-1.04	Note:	Not Reported
Level reading date:	1947-11-20	Feet below surface:	Not Reported
Feet to sea level:	-1.05	Note:	Not Reported
Level reading date:	1947-10-31	Feet below surface:	Not Reported
Feet to sea level:	-1.75	Note:	Not Reported
Level reading date:	1947-10-14	Feet below surface:	Not Reported
Feet to sea level:	-1.63	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	-1.58	Note:	Not Reported
Level reading date:	1947-09-30	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1947-09-16	Feet below surface:	Not Reported
Feet to sea level:	-1.43	Note:	Not Reported
Level reading date:	1947-08-27	Feet below surface:	Not Reported
Feet to sea level:	-1.43	Note:	Not Reported
Level reading date:	1947-08-14	Feet below surface:	Not Reported
Feet to sea level:	-1.45	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	-1.28	Note:	Not Reported
Level reading date:	1947-07-23	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1947-07-16	Feet below surface:	Not Reported
Feet to sea level:	-1.10	Note:	Not Reported
Level reading date:	1947-07-07	Feet below surface:	Not Reported
Feet to sea level:	-1.04	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	-1.02	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-1.01	Note:	Not Reported
Level reading date:	1947-06-24	Feet below surface:	Not Reported
Feet to sea level:	-0.99	Note:	Not Reported
Level reading date:	1947-05-27	Feet below surface:	Not Reported
Feet to sea level:	-0.94	Note:	Not Reported

Level reading date:	1947-05-06	Feet below surface:	Not Reported
Feet to sea level:	-0.95	Note:	Not Reported
Level reading date:	1947-04-03	Feet below surface:	Not Reported
Feet to sea level:	-1.34	Note:	Not Reported
Level reading date:	1947-03-05	Feet below surface:	Not Reported
Feet to sea level:	-1.33	Note:	Not Reported
Level reading date:	1947-01-27	Feet below surface:	Not Reported
Feet to sea level:	-1.34	Note:	Not Reported
Level reading date:	1946-12-30	Feet below surface:	Not Reported
Feet to sea level:	-1.36	Note:	Not Reported
Level reading date:	1946-11-26	Feet below surface:	Not Reported
Feet to sea level:	-1.05	Note:	Not Reported
Level reading date:	1946-10-22	Feet below surface:	Not Reported
Feet to sea level:	-0.83	Note:	Not Reported
Level reading date:	1946-09-27	Feet below surface:	Not Reported
Feet to sea level:	-0.73	Note:	Not Reported
Level reading date:	1946-08-29	Feet below surface:	Not Reported
Feet to sea level:	-0.47	Note:	Not Reported
Level reading date:	1946-07-30	Feet below surface:	Not Reported
Feet to sea level:	-0.12	Note:	Not Reported
Level reading date:	1946-07-05	Feet below surface:	Not Reported
Feet to sea level:	-1.17	Note:	Not Reported
Level reading date:	1946-05-06	Feet below surface:	Not Reported
Feet to sea level:	-0.89	Note:	Not Reported
Level reading date:	1946-04-12	Feet below surface:	Not Reported
Feet to sea level:	-0.67	Note:	Not Reported
Level reading date:	1946-03-18	Feet below surface:	Not Reported
Feet to sea level:	-0.83	Note:	Not Reported
Level reading date:	1946-02-08	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported
Level reading date:	1946-01-10	Feet below surface:	Not Reported
Feet to sea level:	-0.29	Note:	Not Reported
Level reading date:	1945-12-04	Feet below surface:	Not Reported
Feet to sea level:	-0.66	Note:	Not Reported
Level reading date:	1945-11-06	Feet below surface:	Not Reported
Feet to sea level:	-0.93	Note:	Not Reported
Level reading date:	1945-09-28	Feet below surface:	Not Reported
Feet to sea level:	-0.59	Note:	Not Reported
Level reading date:	1945-09-13	Feet below surface:	Not Reported
Feet to sea level:	-0.74	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	-0.29	Note:	Not Reported

Level reading date:	1945-07-04	Feet below surface:	Not Reported
Feet to sea level:	-0.44	Note:	Not Reported
Level reading date:	1945-06-05	Feet below surface:	Not Reported
Feet to sea level:	-0.62	Note:	Not Reported
Level reading date:	1945-04-27	Feet below surface:	Not Reported
Feet to sea level:	-0.80	Note:	Not Reported
Level reading date:	1945-04-03	Feet below surface:	Not Reported
Feet to sea level:	-0.71	Note:	Not Reported
Level reading date:	1945-03-03	Feet below surface:	Not Reported
Feet to sea level:	-0.55	Note:	Not Reported
Level reading date:	1945-02-06	Feet below surface:	Not Reported
Feet to sea level:	-0.79	Note:	Not Reported
Level reading date:	1945-01-03	Feet below surface:	Not Reported
Feet to sea level:	-0.39	Note:	Not Reported
Level reading date:	1944-12-05	Feet below surface:	Not Reported
Feet to sea level:	-0.10	Note:	Not Reported
Level reading date:	1944-10-28	Feet below surface:	Not Reported
Feet to sea level:	-0.44	Note:	Not Reported
Level reading date:	1944-10-16	Feet below surface:	Not Reported
Feet to sea level:	-0.38	Note:	Not Reported
Level reading date:	1944-09-01	Feet below surface:	Not Reported
Feet to sea level:	-1.11	Note:	Not Reported
Level reading date:	1944-08-01	Feet below surface:	Not Reported
Feet to sea level:	-0.97	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	Not Reported
Feet to sea level:	-0.73	Note:	Not Reported
Level reading date:	1944-05-27	Feet below surface:	Not Reported
Feet to sea level:	-0.55	Note:	Not Reported
Level reading date:	1944-04-25	Feet below surface:	Not Reported
Feet to sea level:	-0.53	Note:	Not Reported
Level reading date:	1944-03-29	Feet below surface:	Not Reported
Feet to sea level:	-0.83	Note:	Not Reported
Level reading date:	1944-03-06	Feet below surface:	Not Reported
Feet to sea level:	-1.35	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	-1.38	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	-0.95	Note:	Not Reported
Level reading date:	1943-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.10	Note:	Not Reported

Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	-1.55	Note:	Not Reported
Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	-1.52	Note:	Not Reported
Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	-1.45	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	-1.31	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	-1.38	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	-1.56	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	-1.40	Note:	Not Reported
Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	-1.73	Note:	Not Reported
Level reading date:	1943-01-30	Feet below surface:	Not Reported
Feet to sea level:	-2.15	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	-2.21	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	-2.35	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	-2.30	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	-2.32	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	-2.34	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	-2.37	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	-2.41	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	-2.43	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	-2.44	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	-2.46	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	-2.52	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	-2.51	Note:	Not Reported

Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	-2.57	Note:	Not Reported
Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	-2.56	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	-2.63	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	-2.66	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	-2.69	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	-2.70	Note:	Not Reported
Level reading date:	1942-08-29	Feet below surface:	Not Reported
Feet to sea level:	-2.80	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	-2.95	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	-3.18	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	-3.42	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	-3.61	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	-3.88	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	-4.40	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	-4.30	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	-4.56	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	-4.81	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	-5.00	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	-5.37	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	-5.42	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	-5.43	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	-5.52	Note:	Not Reported

Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	-5.75	Note:	Not Reported
Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	-5.90	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	-6.24	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	-7.11	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	-7.14	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	-7.23	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	-7.32	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	-7.38	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	-7.70	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	-8.06	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	-8.27	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	-8.14	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	-7.95	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	-7.70	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	-7.57	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	-7.40	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	-6.64	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	-6.82	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	-6.62	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	-6.20	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	-6.27	Note:	Not Reported

Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	-6.11	Note:	Not Reported
Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	-6.14	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	-5.97	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	-5.80	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	-5.59	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	-5.32	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	-5.10	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	-4.74	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	-4.66	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	-4.42	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	-4.52	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	-4.47	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	-4.49	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	-4.43	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	-4.49	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	-4.38	Note:	Not Reported

E13
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828319**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1591. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Jameco Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported

Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	21	Level reading date:	1953-02-26
Feet below surface:	Not Reported	Feet to sea level:	2.22
Note:	Not Reported		

Level reading date:	1953-02-05	Feet below surface:	Not Reported
Feet to sea level:	2.23	Note:	Not Reported
Level reading date:	1952-12-23	Feet below surface:	Not Reported
Feet to sea level:	1.87	Note:	Not Reported
Level reading date:	1952-12-04	Feet below surface:	Not Reported
Feet to sea level:	1.57	Note:	Not Reported
Level reading date:	1952-11-04	Feet below surface:	Not Reported
Feet to sea level:	1.67	Note:	Not Reported
Level reading date:	1952-09-23	Feet below surface:	Not Reported
Feet to sea level:	2.00	Note:	Not Reported
Level reading date:	1952-08-26	Feet below surface:	Not Reported
Feet to sea level:	2.27	Note:	Not Reported
Level reading date:	1952-07-25	Feet below surface:	Not Reported
Feet to sea level:	2.18	Note:	Not Reported
Level reading date:	1952-06-23	Feet below surface:	Not Reported
Feet to sea level:	2.43	Note:	Not Reported
Level reading date:	1952-05-26	Feet below surface:	Not Reported
Feet to sea level:	2.40	Note:	Not Reported
Level reading date:	1952-04-28	Feet below surface:	Not Reported
Feet to sea level:	2.18	Note:	Not Reported
Level reading date:	1952-03-20	Feet below surface:	Not Reported
Feet to sea level:	2.19	Note:	Not Reported
Level reading date:	1952-02-19	Feet below surface:	Not Reported
Feet to sea level:	1.97	Note:	Not Reported
Level reading date:	1952-01-28	Feet below surface:	Not Reported
Feet to sea level:	2.03	Note:	Not Reported
Level reading date:	1951-12-20	Feet below surface:	Not Reported
Feet to sea level:	1.52	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	1.50	Note:	Not Reported
Level reading date:	1951-11-01	Feet below surface:	Not Reported
Feet to sea level:	1.10	Note:	Not Reported
Level reading date:	1951-10-02	Feet below surface:	Not Reported
Feet to sea level:	0.93	Note:	Not Reported
Level reading date:	1951-09-25	Feet below surface:	Not Reported
Feet to sea level:	0.99	Note:	Not Reported

Level reading date:	1951-08-27	Feet below surface:	Not Reported
Feet to sea level:	1.17	Note:	Not Reported
Level reading date:	1951-07-24	Feet below surface:	Not Reported
Feet to sea level:	1.38	Note:	Not Reported

14
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000827932**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 680. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	434	Well Hole Depth Units:	ft

15
WNW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1200061374**

WELLS REG 1:

Well Number:	K003595	Well Type:	Commercial/Industrial Supply
Owner:	Liberty Car Wash	Diameter (in):	4
Well Depth (ft):	65	Casing Length (ft):	Not Reported
Screen Length (ft):	Not Reported	Pump Capacity (gpm):	45

16
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000828449**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1483. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	184	Well Hole Depth Units:	ft

17
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828433**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1194. 5	Type:	Well
Description:	Not Reported	HUC:	02030202

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer
Construction Date:	20021003	Well Depth:	55
Well Depth Units:	ft	Well Hole Depth:	55
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	23	Level reading date:	2005-02-01
Feet below surface:	Not Reported	Feet to sea level:	8.49
Note:	Not Reported		
Level reading date:	2004-08-25	Feet below surface:	Not Reported
Feet to sea level:	8.50	Note:	Not Reported
Level reading date:	2004-07-19	Feet below surface:	Not Reported
Feet to sea level:	8.53	Note:	Not Reported
Level reading date:	2004-06-16	Feet below surface:	Not Reported
Feet to sea level:	8.46	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	8.57	Note:	Not Reported
Level reading date:	2004-04-29	Feet below surface:	Not Reported
Feet to sea level:	8.58	Note:	Not Reported
Level reading date:	2004-03-21	Feet below surface:	Not Reported
Feet to sea level:	8.32	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	8.41	Note:	Not Reported
Level reading date:	2004-01-30	Feet below surface:	Not Reported
Feet to sea level:	8.44	Note:	Not Reported
Level reading date:	2003-12-18	Feet below surface:	Not Reported
Feet to sea level:	8.64	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	2003-10-29	Feet below surface:	Not Reported
Feet to sea level:	8.36	Note:	Not Reported
Level reading date:	2003-09-24	Feet below surface:	Not Reported
Feet to sea level:	8.40	Note:	Not Reported
Level reading date:	2003-08-25	Feet below surface:	Not Reported
Feet to sea level:	8.00	Note:	Not Reported
Level reading date:	2003-07-21	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	8.77	Note:	Not Reported
Level reading date:	2003-05-19	Feet below surface:	Not Reported
Feet to sea level:	8.03	Note:	Not Reported
Level reading date:	2003-04-28	Feet below surface:	Not Reported

Feet to sea level:	8.20	Note:	Not Reported
Level reading date:	2003-02-26	Feet below surface:	Not Reported
Feet to sea level:	8.15	Note:	Not Reported
Level reading date:	2003-01-28	Feet below surface:	Not Reported
Feet to sea level:	8.02	Note:	Not Reported
Level reading date:	2002-12-27	Feet below surface:	Not Reported
Feet to sea level:	7.97	Note:	Not Reported
Level reading date:	2002-11-26	Feet below surface:	Not Reported
Feet to sea level:	8.00	Note:	Not Reported
Level reading date:	2002-10-21	Feet below surface:	Not Reported
Feet to sea level:	8.03	Note:	Not Reported

F18
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828091**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 538. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	172	Well Hole Depth Units:	ft

19
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000827996**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 633. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	191	Well Hole Depth Units:	ft

F20
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000828073**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1286. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	164	Well Hole Depth Units:	ft

21
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828389**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1281. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	39
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	359	Level reading date:	1974-04-04
Feet below surface:	Not Reported	Feet to sea level:	0.71
Note:	Not Reported		

Level reading date:	1973-04-06	Feet below surface:	Not Reported
Feet to sea level:	-3.02	Note:	Not Reported
Level reading date:	1972-06-16	Feet below surface:	Not Reported
Feet to sea level:	-3.23	Note:	Not Reported
Level reading date:	1972-03-29	Feet below surface:	Not Reported
Feet to sea level:	-3.30	Note:	Not Reported
Level reading date:	1971-03-08	Feet below surface:	Not Reported
Feet to sea level:	-3.45	Note:	Not Reported
Level reading date:	1970-03-11	Feet below surface:	Not Reported
Feet to sea level:	-3.37	Note:	Not Reported
Level reading date:	1969-03-18	Feet below surface:	Not Reported
Feet to sea level:	-2.67	Note:	Not Reported
Level reading date:	1967-03-20	Feet below surface:	Not Reported
Feet to sea level:	-3.47	Note:	Not Reported
Level reading date:	1966-04-20	Feet below surface:	Not Reported
Feet to sea level:	-3.58	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	-3.24	Note:	Not Reported
Level reading date:	1965-06-07	Feet below surface:	Not Reported
Feet to sea level:	-2.71	Note:	Not Reported
Level reading date:	1964-11-18	Feet below surface:	Not Reported
Feet to sea level:	-3.12	Note:	Not Reported
Level reading date:	1964-02-14	Feet below surface:	Not Reported

Feet to sea level:	-1.98	Note:	Not Reported
Level reading date:	1962-11-08	Feet below surface:	Not Reported
Feet to sea level:	-2.01	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	-1.24	Note:	Not Reported
Level reading date:	1962-01-03	Feet below surface:	Not Reported
Feet to sea level:	-1.57	Note:	Not Reported
Level reading date:	1961-02-28	Feet below surface:	Not Reported
Feet to sea level:	-2.17	Note:	Not Reported
Level reading date:	1960-07-18	Feet below surface:	Not Reported
Feet to sea level:	-2.96	Note:	Not Reported
Level reading date:	1960-01-04	Feet below surface:	Not Reported
Feet to sea level:	-3.95	Note:	Not Reported
Level reading date:	1959-03-19	Feet below surface:	Not Reported
Feet to sea level:	-2.94	Note:	Not Reported
Level reading date:	1957-12-23	Feet below surface:	Not Reported
Feet to sea level:	-2.64	Note:	Not Reported
Level reading date:	1956-12-26	Feet below surface:	Not Reported
Feet to sea level:	-1.13	Note:	Not Reported
Level reading date:	1956-01-20	Feet below surface:	Not Reported
Feet to sea level:	-0.44	Note:	Not Reported
Level reading date:	1954-12-30	Feet below surface:	Not Reported
Feet to sea level:	-1.01	Note:	Not Reported
Level reading date:	1954-06-28	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1954-05-24	Feet below surface:	Not Reported
Feet to sea level:	-1.04	Note:	Not Reported
Level reading date:	1954-04-27	Feet below surface:	Not Reported
Feet to sea level:	-0.99	Note:	Not Reported
Level reading date:	1954-03-24	Feet below surface:	Not Reported
Feet to sea level:	-0.77	Note:	Not Reported
Level reading date:	1954-02-24	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported
Level reading date:	1954-01-25	Feet below surface:	Not Reported
Feet to sea level:	-0.46	Note:	Not Reported
Level reading date:	1953-12-19	Feet below surface:	Not Reported
Feet to sea level:	-0.39	Note:	Not Reported
Level reading date:	1953-11-24	Feet below surface:	Not Reported
Feet to sea level:	-0.52	Note:	Not Reported
Level reading date:	1953-11-02	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported

Level reading date:	1953-10-01	Feet below surface:	Not Reported
Feet to sea level:	-0.52	Note:	Not Reported
Level reading date:	1953-08-26	Feet below surface:	Not Reported
Feet to sea level:	-0.22	Note:	Not Reported
Level reading date:	1953-08-18	Feet below surface:	Not Reported
Feet to sea level:	-0.28	Note:	Not Reported
Level reading date:	1953-07-30	Feet below surface:	Not Reported
Feet to sea level:	-0.24	Note:	Not Reported
Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	0.15	Note:	Not Reported
Level reading date:	1953-05-27	Feet below surface:	Not Reported
Feet to sea level:	0.45	Note:	Not Reported
Level reading date:	1953-04-28	Feet below surface:	Not Reported
Feet to sea level:	0.61	Note:	Not Reported
Level reading date:	1953-03-26	Feet below surface:	Not Reported
Feet to sea level:	0.16	Note:	Not Reported
Level reading date:	1953-02-27	Feet below surface:	Not Reported
Feet to sea level:	0.09	Note:	Not Reported
Level reading date:	1953-02-13	Feet below surface:	Not Reported
Feet to sea level:	0.03	Note:	Not Reported
Level reading date:	1952-12-29	Feet below surface:	Not Reported
Feet to sea level:	-0.12	Note:	Not Reported
Level reading date:	1952-12-08	Feet below surface:	Not Reported
Feet to sea level:	-0.18	Note:	Not Reported
Level reading date:	1952-11-07	Feet below surface:	Not Reported
Feet to sea level:	-0.16	Note:	Not Reported
Level reading date:	1952-09-24	Feet below surface:	Not Reported
Feet to sea level:	0.13	Note:	Not Reported
Level reading date:	1952-08-25	Feet below surface:	Not Reported
Feet to sea level:	0.27	Note:	Not Reported
Level reading date:	1952-07-28	Feet below surface:	Not Reported
Feet to sea level:	0.09	Note:	Not Reported
Level reading date:	1952-06-24	Feet below surface:	Not Reported
Feet to sea level:	0.35	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	0.26	Note:	Not Reported
Level reading date:	1952-04-30	Feet below surface:	Not Reported
Feet to sea level:	-0.02	Note:	Not Reported
Level reading date:	1952-03-24	Feet below surface:	Not Reported
Feet to sea level:	-0.13	Note:	Not Reported
Level reading date:	1952-02-20	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported

Level reading date:	1952-01-31	Feet below surface:	Not Reported
Feet to sea level:	-0.20	Note:	Not Reported
Level reading date:	1951-12-21	Feet below surface:	Not Reported
Feet to sea level:	-0.33	Note:	Not Reported
Level reading date:	1951-11-29	Feet below surface:	Not Reported
Feet to sea level:	-0.17	Note:	Not Reported
Level reading date:	1951-10-31	Feet below surface:	Not Reported
Feet to sea level:	-0.48	Note:	Not Reported
Level reading date:	1951-09-27	Feet below surface:	Not Reported
Feet to sea level:	-0.61	Note:	Not Reported
Level reading date:	1951-08-29	Feet below surface:	Not Reported
Feet to sea level:	-0.47	Note:	Not Reported
Level reading date:	1951-07-25	Feet below surface:	Not Reported
Feet to sea level:	-0.65	Note:	Not Reported
Level reading date:	1951-06-26	Feet below surface:	Not Reported
Feet to sea level:	-0.48	Note:	Not Reported
Level reading date:	1951-05-31	Feet below surface:	Not Reported
Feet to sea level:	-0.41	Note:	Not Reported
Level reading date:	1951-05-01	Feet below surface:	Not Reported
Feet to sea level:	-0.48	Note:	Not Reported
Level reading date:	1951-03-27	Feet below surface:	Not Reported
Feet to sea level:	-0.55	Note:	Not Reported
Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	-1.07	Note:	Not Reported
Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	-1.18	Note:	Not Reported
Level reading date:	1950-12-18	Feet below surface:	Not Reported
Feet to sea level:	-0.93	Note:	Not Reported
Level reading date:	1950-11-27	Feet below surface:	Not Reported
Feet to sea level:	-1.14	Note:	Not Reported
Level reading date:	1950-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.14	Note:	Not Reported
Level reading date:	1950-09-25	Feet below surface:	Not Reported
Feet to sea level:	-1.05	Note:	Not Reported
Level reading date:	1950-08-28	Feet below surface:	Not Reported
Feet to sea level:	-1.03	Note:	Not Reported
Level reading date:	1950-07-25	Feet below surface:	Not Reported
Feet to sea level:	-1.07	Note:	Not Reported
Level reading date:	1950-06-27	Feet below surface:	Not Reported
Feet to sea level:	-1.03	Note:	Not Reported
Level reading date:	1950-05-25	Feet below surface:	Not Reported
Feet to sea level:	-0.92	Note:	Not Reported

Level reading date:	1950-04-26	Feet below surface:	Not Reported
Feet to sea level:	-1.03	Note:	Not Reported
Level reading date:	1950-03-28	Feet below surface:	Not Reported
Feet to sea level:	-0.95	Note:	Not Reported
Level reading date:	1950-03-01	Feet below surface:	Not Reported
Feet to sea level:	-0.92	Note:	Not Reported
Level reading date:	1950-01-24	Feet below surface:	Not Reported
Feet to sea level:	-1.18	Note:	Not Reported
Level reading date:	1949-12-27	Feet below surface:	Not Reported
Feet to sea level:	-1.30	Note:	Not Reported
Level reading date:	1949-11-29	Feet below surface:	Not Reported
Feet to sea level:	-1.80	Note:	Not Reported
Level reading date:	1949-10-27	Feet below surface:	Not Reported
Feet to sea level:	-1.59	Note:	Not Reported
Level reading date:	1949-09-29	Feet below surface:	Not Reported
Feet to sea level:	-1.61	Note:	Not Reported
Level reading date:	1949-08-26	Feet below surface:	Not Reported
Feet to sea level:	-1.50	Note:	Not Reported
Level reading date:	1949-07-27	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	-1.16	Note:	Not Reported
Level reading date:	1949-05-31	Feet below surface:	Not Reported
Feet to sea level:	-0.84	Note:	Not Reported
Level reading date:	1949-04-27	Feet below surface:	Not Reported
Feet to sea level:	-0.80	Note:	Not Reported
Level reading date:	1949-03-28	Feet below surface:	Not Reported
Feet to sea level:	-0.74	Note:	Not Reported
Level reading date:	1949-02-23	Feet below surface:	Not Reported
Feet to sea level:	-1.00	Note:	Not Reported
Level reading date:	1949-01-25	Feet below surface:	Not Reported
Feet to sea level:	-1.14	Note:	Not Reported
Level reading date:	1948-12-30	Feet below surface:	Not Reported
Feet to sea level:	-1.51	Note:	Not Reported
Level reading date:	1948-12-09	Feet below surface:	Not Reported
Feet to sea level:	-1.10	Note:	Not Reported
Level reading date:	1948-11-02	Feet below surface:	Not Reported
Feet to sea level:	-1.36	Note:	Not Reported
Level reading date:	1948-09-28	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	-0.86	Note:	Not Reported

Level reading date:	1948-07-27	Feet below surface:	Not Reported
Feet to sea level:	-1.02	Note:	Not Reported
Level reading date:	1948-06-28	Feet below surface:	Not Reported
Feet to sea level:	-1.26	Note:	Not Reported
Level reading date:	1948-06-02	Feet below surface:	Not Reported
Feet to sea level:	-1.30	Note:	Not Reported
Level reading date:	1948-05-06	Feet below surface:	Not Reported
Feet to sea level:	-1.37	Note:	Not Reported
Level reading date:	1948-03-25	Feet below surface:	Not Reported
Feet to sea level:	-1.70	Note:	Not Reported
Level reading date:	1948-03-03	Feet below surface:	Not Reported
Feet to sea level:	-2.08	Note:	Not Reported
Level reading date:	1948-02-11	Feet below surface:	Not Reported
Feet to sea level:	-1.70	Note:	Not Reported
Level reading date:	1948-01-06	Feet below surface:	Not Reported
Feet to sea level:	-2.18	Note:	Not Reported
Level reading date:	1947-11-26	Feet below surface:	Not Reported
Feet to sea level:	-2.20	Note:	Not Reported
Level reading date:	1947-11-03	Feet below surface:	Not Reported
Feet to sea level:	-2.45	Note:	Not Reported
Level reading date:	1947-10-08	Feet below surface:	Not Reported
Feet to sea level:	-2.54	Note:	Not Reported
Level reading date:	1947-09-02	Feet below surface:	Not Reported
Feet to sea level:	-2.41	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	-2.02	Note:	Not Reported
Level reading date:	1947-07-11	Feet below surface:	Not Reported
Feet to sea level:	-1.97	Note:	Not Reported
Level reading date:	1947-07-03	Feet below surface:	Not Reported
Feet to sea level:	-1.81	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	-1.79	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-1.76	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	-1.73	Note:	Not Reported
Level reading date:	1947-06-26	Feet below surface:	Not Reported
Feet to sea level:	-1.71	Note:	Not Reported
Level reading date:	1947-05-26	Feet below surface:	Not Reported
Feet to sea level:	-1.57	Note:	Not Reported
Level reading date:	1947-05-06	Feet below surface:	Not Reported
Feet to sea level:	-1.67	Note:	Not Reported

Level reading date:	1947-04-03	Feet below surface:	Not Reported
Feet to sea level:	-2.03	Note:	Not Reported
Level reading date:	1947-03-04	Feet below surface:	Not Reported
Feet to sea level:	-1.91	Note:	Not Reported
Level reading date:	1947-01-27	Feet below surface:	Not Reported
Feet to sea level:	-1.83	Note:	Not Reported
Level reading date:	1946-12-30	Feet below surface:	Not Reported
Feet to sea level:	-1.63	Note:	Not Reported
Level reading date:	1946-11-25	Feet below surface:	Not Reported
Feet to sea level:	-1.41	Note:	Not Reported
Level reading date:	1946-10-23	Feet below surface:	Not Reported
Feet to sea level:	-1.23	Note:	Not Reported
Level reading date:	1946-09-27	Feet below surface:	Not Reported
Feet to sea level:	-1.27	Note:	Not Reported
Level reading date:	1946-08-29	Feet below surface:	Not Reported
Feet to sea level:	-0.91	Note:	Not Reported
Level reading date:	1946-07-29	Feet below surface:	Not Reported
Feet to sea level:	-0.81	Note:	Not Reported
Level reading date:	1946-07-01	Feet below surface:	Not Reported
Feet to sea level:	-0.83	Note:	Not Reported
Level reading date:	1946-06-17	Feet below surface:	Not Reported
Feet to sea level:	-1.02	Note:	Not Reported
Level reading date:	1946-05-09	Feet below surface:	Not Reported
Feet to sea level:	-1.68	Note:	Not Reported
Level reading date:	1946-04-12	Feet below surface:	Not Reported
Feet to sea level:	-1.55	Note:	Not Reported
Level reading date:	1946-03-15	Feet below surface:	Not Reported
Feet to sea level:	-1.51	Note:	Not Reported
Level reading date:	1946-02-14	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1946-01-10	Feet below surface:	Not Reported
Feet to sea level:	-1.57	Note:	Not Reported
Level reading date:	1945-12-04	Feet below surface:	Not Reported
Feet to sea level:	-1.63	Note:	Not Reported
Level reading date:	1945-11-02	Feet below surface:	Not Reported
Feet to sea level:	-1.60	Note:	Not Reported
Level reading date:	1945-10-09	Feet below surface:	Not Reported
Feet to sea level:	-1.45	Note:	Not Reported
Level reading date:	1945-09-13	Feet below surface:	Not Reported
Feet to sea level:	-1.49	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	-1.16	Note:	Not Reported

Level reading date:	1945-07-04	Feet below surface:	Not Reported
Feet to sea level:	-1.50	Note:	Not Reported
Level reading date:	1945-06-05	Feet below surface:	Not Reported
Feet to sea level:	-0.61	Note:	Not Reported
Level reading date:	1945-04-27	Feet below surface:	Not Reported
Feet to sea level:	-1.29	Note:	Not Reported
Level reading date:	1945-04-03	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1945-03-05	Feet below surface:	Not Reported
Feet to sea level:	-1.23	Note:	Not Reported
Level reading date:	1945-02-05	Feet below surface:	Not Reported
Feet to sea level:	-1.12	Note:	Not Reported
Level reading date:	1945-01-03	Feet below surface:	Not Reported
Feet to sea level:	-1.02	Note:	Not Reported
Level reading date:	1944-12-05	Feet below surface:	Not Reported
Feet to sea level:	-1.19	Note:	Not Reported
Level reading date:	1944-10-28	Feet below surface:	Not Reported
Feet to sea level:	-1.25	Note:	Not Reported
Level reading date:	1944-10-05	Feet below surface:	Not Reported
Feet to sea level:	-1.26	Note:	Not Reported
Level reading date:	1944-09-01	Feet below surface:	Not Reported
Feet to sea level:	-1.66	Note:	Not Reported
Level reading date:	1944-08-01	Feet below surface:	Not Reported
Feet to sea level:	-1.31	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	Not Reported
Feet to sea level:	-0.86	Note:	Not Reported
Level reading date:	1944-06-03	Feet below surface:	Not Reported
Feet to sea level:	-0.60	Note:	Not Reported
Level reading date:	1944-04-25	Feet below surface:	Not Reported
Feet to sea level:	-0.82	Note:	Not Reported
Level reading date:	1944-03-29	Feet below surface:	Not Reported
Feet to sea level:	-1.27	Note:	Not Reported
Level reading date:	1944-03-07	Feet below surface:	Not Reported
Feet to sea level:	-0.98	Note:	Not Reported
Level reading date:	1944-01-29	Feet below surface:	Not Reported
Feet to sea level:	-0.93	Note:	Not Reported
Level reading date:	1944-01-01	Feet below surface:	Not Reported
Feet to sea level:	-0.99	Note:	Not Reported
Level reading date:	1943-11-27	Feet below surface:	Not Reported
Feet to sea level:	-0.94	Note:	Not Reported
Level reading date:	1943-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.39	Note:	Not Reported

Level reading date:	1943-09-25	Feet below surface:	Not Reported
Feet to sea level:	-1.69	Note:	Not Reported
Level reading date:	1943-08-28	Feet below surface:	Not Reported
Feet to sea level:	-1.68	Note:	Not Reported
Level reading date:	1943-07-31	Feet below surface:	Not Reported
Feet to sea level:	-1.58	Note:	Not Reported
Level reading date:	1943-06-26	Feet below surface:	Not Reported
Feet to sea level:	-1.29	Note:	Not Reported
Level reading date:	1943-05-29	Feet below surface:	Not Reported
Feet to sea level:	-0.96	Note:	Not Reported
Level reading date:	1943-05-01	Feet below surface:	Not Reported
Feet to sea level:	-0.90	Note:	Not Reported
Level reading date:	1943-03-27	Feet below surface:	Not Reported
Feet to sea level:	-1.08	Note:	Not Reported
Level reading date:	1943-02-27	Feet below surface:	Not Reported
Feet to sea level:	-1.19	Note:	Not Reported
Level reading date:	1943-01-02	Feet below surface:	Not Reported
Feet to sea level:	-1.61	Note:	Not Reported
Level reading date:	1942-12-26	Feet below surface:	Not Reported
Feet to sea level:	-1.58	Note:	Not Reported
Level reading date:	1942-12-19	Feet below surface:	Not Reported
Feet to sea level:	-1.69	Note:	Not Reported
Level reading date:	1942-12-12	Feet below surface:	Not Reported
Feet to sea level:	-1.75	Note:	Not Reported
Level reading date:	1942-12-05	Feet below surface:	Not Reported
Feet to sea level:	-1.62	Note:	Not Reported
Level reading date:	1942-11-28	Feet below surface:	Not Reported
Feet to sea level:	-1.77	Note:	Not Reported
Level reading date:	1942-11-21	Feet below surface:	Not Reported
Feet to sea level:	-1.75	Note:	Not Reported
Level reading date:	1942-11-14	Feet below surface:	Not Reported
Feet to sea level:	-1.64	Note:	Not Reported
Level reading date:	1942-11-07	Feet below surface:	Not Reported
Feet to sea level:	-1.68	Note:	Not Reported
Level reading date:	1942-10-31	Feet below surface:	Not Reported
Feet to sea level:	-1.83	Note:	Not Reported
Level reading date:	1942-10-24	Feet below surface:	Not Reported
Feet to sea level:	-1.86	Note:	Not Reported
Level reading date:	1942-10-17	Feet below surface:	Not Reported
Feet to sea level:	-2.01	Note:	Not Reported
Level reading date:	1942-10-10	Feet below surface:	Not Reported
Feet to sea level:	-2.06	Note:	Not Reported

Level reading date:	1942-10-03	Feet below surface:	Not Reported
Feet to sea level:	-2.10	Note:	Not Reported
Level reading date:	1942-09-26	Feet below surface:	Not Reported
Feet to sea level:	-2.15	Note:	Not Reported
Level reading date:	1942-09-19	Feet below surface:	Not Reported
Feet to sea level:	-2.38	Note:	Not Reported
Level reading date:	1942-09-12	Feet below surface:	Not Reported
Feet to sea level:	-2.40	Note:	Not Reported
Level reading date:	1942-09-05	Feet below surface:	Not Reported
Feet to sea level:	-2.46	Note:	Not Reported
Level reading date:	1942-08-29	Feet below surface:	Not Reported
Feet to sea level:	-2.52	Note:	Not Reported
Level reading date:	1942-08-22	Feet below surface:	Not Reported
Feet to sea level:	-2.81	Note:	Not Reported
Level reading date:	1942-08-15	Feet below surface:	Not Reported
Feet to sea level:	-2.82	Note:	Not Reported
Level reading date:	1942-08-08	Feet below surface:	Not Reported
Feet to sea level:	-2.88	Note:	Not Reported
Level reading date:	1942-08-01	Feet below surface:	Not Reported
Feet to sea level:	-3.02	Note:	Not Reported
Level reading date:	1942-07-25	Feet below surface:	Not Reported
Feet to sea level:	-3.12	Note:	Not Reported
Level reading date:	1942-07-18	Feet below surface:	Not Reported
Feet to sea level:	-3.28	Note:	Not Reported
Level reading date:	1942-07-11	Feet below surface:	Not Reported
Feet to sea level:	-3.25	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1942-06-27	Feet below surface:	Not Reported
Feet to sea level:	-3.35	Note:	Not Reported
Level reading date:	1942-06-20	Feet below surface:	Not Reported
Feet to sea level:	-3.39	Note:	Not Reported
Level reading date:	1942-06-13	Feet below surface:	Not Reported
Feet to sea level:	-3.39	Note:	Not Reported
Level reading date:	1942-06-06	Feet below surface:	Not Reported
Feet to sea level:	-3.38	Note:	Not Reported
Level reading date:	1942-05-30	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1942-05-23	Feet below surface:	Not Reported
Feet to sea level:	-3.27	Note:	Not Reported
Level reading date:	1942-05-16	Feet below surface:	Not Reported
Feet to sea level:	-3.31	Note:	Not Reported

Level reading date:	1942-05-09	Feet below surface:	Not Reported
Feet to sea level:	-3.35	Note:	Not Reported
Level reading date:	1942-05-02	Feet below surface:	Not Reported
Feet to sea level:	-3.35	Note:	Not Reported
Level reading date:	1942-04-25	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1942-04-18	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1942-04-11	Feet below surface:	Not Reported
Feet to sea level:	-3.37	Note:	Not Reported
Level reading date:	1942-04-04	Feet below surface:	Not Reported
Feet to sea level:	-3.41	Note:	Not Reported
Level reading date:	1942-03-28	Feet below surface:	Not Reported
Feet to sea level:	-3.47	Note:	Not Reported
Level reading date:	1942-03-21	Feet below surface:	Not Reported
Feet to sea level:	-3.52	Note:	Not Reported
Level reading date:	1942-03-14	Feet below surface:	Not Reported
Feet to sea level:	-3.60	Note:	Not Reported
Level reading date:	1942-03-07	Feet below surface:	Not Reported
Feet to sea level:	-3.62	Note:	Not Reported
Level reading date:	1942-02-28	Feet below surface:	Not Reported
Feet to sea level:	-3.60	Note:	Not Reported
Level reading date:	1942-02-21	Feet below surface:	Not Reported
Feet to sea level:	-3.58	Note:	Not Reported
Level reading date:	1942-02-14	Feet below surface:	Not Reported
Feet to sea level:	-3.56	Note:	Not Reported
Level reading date:	1942-02-07	Feet below surface:	Not Reported
Feet to sea level:	-3.62	Note:	Not Reported
Level reading date:	1942-01-31	Feet below surface:	Not Reported
Feet to sea level:	-3.57	Note:	Not Reported
Level reading date:	1942-01-24	Feet below surface:	Not Reported
Feet to sea level:	-3.48	Note:	Not Reported
Level reading date:	1942-01-17	Feet below surface:	Not Reported
Feet to sea level:	-3.42	Note:	Not Reported
Level reading date:	1942-01-10	Feet below surface:	Not Reported
Feet to sea level:	-3.38	Note:	Not Reported
Level reading date:	1942-01-03	Feet below surface:	Not Reported
Feet to sea level:	-3.36	Note:	Not Reported
Level reading date:	1941-12-27	Feet below surface:	Not Reported
Feet to sea level:	-3.32	Note:	Not Reported
Level reading date:	1941-12-20	Feet below surface:	Not Reported
Feet to sea level:	-3.30	Note:	Not Reported

Level reading date:	1941-12-13	Feet below surface:	Not Reported
Feet to sea level:	-3.37	Note:	Not Reported
Level reading date:	1941-12-06	Feet below surface:	Not Reported
Feet to sea level:	-3.26	Note:	Not Reported
Level reading date:	1941-11-29	Feet below surface:	Not Reported
Feet to sea level:	-3.20	Note:	Not Reported
Level reading date:	1941-11-22	Feet below surface:	Not Reported
Feet to sea level:	-3.16	Note:	Not Reported
Level reading date:	1941-11-15	Feet below surface:	Not Reported
Feet to sea level:	-3.16	Note:	Not Reported
Level reading date:	1941-11-08	Feet below surface:	Not Reported
Feet to sea level:	-3.07	Note:	Not Reported
Level reading date:	1941-11-01	Feet below surface:	Not Reported
Feet to sea level:	-3.19	Note:	Not Reported
Level reading date:	1941-10-25	Feet below surface:	Not Reported
Feet to sea level:	-3.06	Note:	Not Reported
Level reading date:	1941-10-18	Feet below surface:	Not Reported
Feet to sea level:	-3.05	Note:	Not Reported
Level reading date:	1941-10-11	Feet below surface:	Not Reported
Feet to sea level:	-3.07	Note:	Not Reported
Level reading date:	1941-10-04	Feet below surface:	Not Reported
Feet to sea level:	-3.07	Note:	Not Reported
Level reading date:	1941-09-27	Feet below surface:	Not Reported
Feet to sea level:	-2.98	Note:	Not Reported
Level reading date:	1941-09-20	Feet below surface:	Not Reported
Feet to sea level:	-2.89	Note:	Not Reported
Level reading date:	1941-09-13	Feet below surface:	Not Reported
Feet to sea level:	-2.78	Note:	Not Reported
Level reading date:	1941-09-06	Feet below surface:	Not Reported
Feet to sea level:	-2.71	Note:	Not Reported
Level reading date:	1941-08-30	Feet below surface:	Not Reported
Feet to sea level:	-2.65	Note:	Not Reported
Level reading date:	1941-08-23	Feet below surface:	Not Reported
Feet to sea level:	-2.66	Note:	Not Reported
Level reading date:	1941-08-16	Feet below surface:	Not Reported
Feet to sea level:	-2.57	Note:	Not Reported
Level reading date:	1941-08-09	Feet below surface:	Not Reported
Feet to sea level:	-2.46	Note:	Not Reported
Level reading date:	1941-08-02	Feet below surface:	Not Reported
Feet to sea level:	-2.33	Note:	Not Reported
Level reading date:	1941-07-26	Feet below surface:	Not Reported
Feet to sea level:	-2.22	Note:	Not Reported

Level reading date:	1941-07-19	Feet below surface:	Not Reported
Feet to sea level:	-2.16	Note:	Not Reported
Level reading date:	1941-07-12	Feet below surface:	Not Reported
Feet to sea level:	-2.10	Note:	Not Reported
Level reading date:	1941-07-05	Feet below surface:	Not Reported
Feet to sea level:	-2.05	Note:	Not Reported
Level reading date:	1941-06-28	Feet below surface:	Not Reported
Feet to sea level:	-1.95	Note:	Not Reported
Level reading date:	1941-06-21	Feet below surface:	Not Reported
Feet to sea level:	-1.79	Note:	Not Reported
Level reading date:	1941-06-14	Feet below surface:	Not Reported
Feet to sea level:	-1.72	Note:	Not Reported
Level reading date:	1941-06-07	Feet below surface:	Not Reported
Feet to sea level:	-1.61	Note:	Not Reported
Level reading date:	1941-05-31	Feet below surface:	Not Reported
Feet to sea level:	-1.49	Note:	Not Reported
Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	-1.30	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	-1.15	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	-1.07	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	-0.97	Note:	Not Reported
Level reading date:	1933-07-25	Feet below surface:	Not Reported
Feet to sea level:	-0.25	Note:	Not Reported
Level reading date:	1933-06-29	Feet below surface:	Not Reported
Feet to sea level:	0.28	Note:	Not Reported
Level reading date:	1933-05-29	Feet below surface:	Not Reported
Feet to sea level:	0.25	Note:	Not Reported
Level reading date:	1933-04-20	Feet below surface:	Not Reported
Feet to sea level:	0.12	Note:	Not Reported
Level reading date:	1933-03-03	Feet below surface:	Not Reported
Feet to sea level:	-0.72	Note:	Not Reported
Level reading date:	1933-02-01	Feet below surface:	Not Reported
Feet to sea level:	-1.32	Note:	Not Reported
Level reading date:	1917-12-12	Feet below surface:	Not Reported
Feet to sea level:	7.14	Note:	Not Reported
Level reading date:	1917-11-20	Feet below surface:	Not Reported
Feet to sea level:	6.99	Note:	Not Reported
Level reading date:	1917-11-06	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported

Level reading date:	1917-10-20	Feet below surface:	Not Reported
Feet to sea level:	6.64	Note:	Not Reported
Level reading date:	1917-09-18	Feet below surface:	Not Reported
Feet to sea level:	6.74	Note:	Not Reported
Level reading date:	1917-08-16	Feet below surface:	Not Reported
Feet to sea level:	6.09	Note:	Not Reported
Level reading date:	1917-07-24	Feet below surface:	Not Reported
Feet to sea level:	6.54	Note:	Not Reported
Level reading date:	1917-06-26	Feet below surface:	Not Reported
Feet to sea level:	6.34	Note:	Not Reported
Level reading date:	1917-06-06	Feet below surface:	Not Reported
Feet to sea level:	6.14	Note:	Not Reported
Level reading date:	1917-05-21	Feet below surface:	Not Reported
Feet to sea level:	5.89	Note:	Not Reported
Level reading date:	1917-05-03	Feet below surface:	Not Reported
Feet to sea level:	5.69	Note:	Not Reported
Level reading date:	1917-04-18	Feet below surface:	Not Reported
Feet to sea level:	5.04	Note:	Not Reported
Level reading date:	1917-03-27	Feet below surface:	Not Reported
Feet to sea level:	4.74	Note:	Not Reported
Level reading date:	1917-03-15	Feet below surface:	Not Reported
Feet to sea level:	4.44	Note:	Not Reported
Level reading date:	1917-02-26	Feet below surface:	Not Reported
Feet to sea level:	3.94	Note:	Not Reported
Level reading date:	1917-02-08	Feet below surface:	Not Reported
Feet to sea level:	3.34	Note:	Not Reported
Level reading date:	1917-01-23	Feet below surface:	Not Reported
Feet to sea level:	3.14	Note:	Not Reported
Level reading date:	1917-01-10	Feet below surface:	Not Reported
Feet to sea level:	3.09	Note:	Not Reported
Level reading date:	1916-12-22	Feet below surface:	Not Reported
Feet to sea level:	3.45	Note:	Not Reported
Level reading date:	1916-12-05	Feet below surface:	Not Reported
Feet to sea level:	3.55	Note:	Not Reported
Level reading date:	1916-11-21	Feet below surface:	Not Reported
Feet to sea level:	3.65	Note:	Not Reported
Level reading date:	1916-11-09	Feet below surface:	Not Reported
Feet to sea level:	3.85	Note:	Not Reported
Level reading date:	1916-10-20	Feet below surface:	Not Reported
Feet to sea level:	4.15	Note:	Not Reported
Level reading date:	1916-10-11	Feet below surface:	Not Reported
Feet to sea level:	4.25	Note:	Not Reported

Level reading date:	1916-10-04	Feet below surface:	Not Reported
Feet to sea level:	4.50	Note:	Not Reported
Level reading date:	1916-09-20	Feet below surface:	Not Reported
Feet to sea level:	4.70	Note:	Not Reported
Level reading date:	1916-09-13	Feet below surface:	Not Reported
Feet to sea level:	4.85	Note:	Not Reported
Level reading date:	1916-09-05	Feet below surface:	Not Reported
Feet to sea level:	5.05	Note:	Not Reported
Level reading date:	1916-08-24	Feet below surface:	Not Reported
Feet to sea level:	5.40	Note:	Not Reported
Level reading date:	1916-08-16	Feet below surface:	Not Reported
Feet to sea level:	5.60	Note:	Not Reported
Level reading date:	1916-08-08	Feet below surface:	Not Reported
Feet to sea level:	5.75	Note:	Not Reported
Level reading date:	1916-08-02	Feet below surface:	Not Reported
Feet to sea level:	5.95	Note:	Not Reported
Level reading date:	1916-07-12	Feet below surface:	Not Reported
Feet to sea level:	6.35	Note:	Not Reported
Level reading date:	1916-07-07	Feet below surface:	Not Reported
Feet to sea level:	6.45	Note:	Not Reported
Level reading date:	1916-07-06	Feet below surface:	Not Reported
Feet to sea level:	6.45	Note:	Not Reported
Level reading date:	1916-06-27	Feet below surface:	Not Reported
Feet to sea level:	6.50	Note:	Not Reported
Level reading date:	1916-06-20	Feet below surface:	Not Reported
Feet to sea level:	6.60	Note:	Not Reported
Level reading date:	1916-06-13	Feet below surface:	Not Reported
Feet to sea level:	6.50	Note:	Not Reported
Level reading date:	1916-06-06	Feet below surface:	Not Reported
Feet to sea level:	6.45	Note:	Not Reported
Level reading date:	1916-05-29	Feet below surface:	Not Reported
Feet to sea level:	6.50	Note:	Not Reported
Level reading date:	1916-05-24	Feet below surface:	Not Reported
Feet to sea level:	6.45	Note:	Not Reported
Level reading date:	1916-05-18	Feet below surface:	Not Reported
Feet to sea level:	6.40	Note:	Not Reported
Level reading date:	1916-05-09	Feet below surface:	Not Reported
Feet to sea level:	6.25	Note:	Not Reported
Level reading date:	1916-05-01	Feet below surface:	Not Reported
Feet to sea level:	5.95	Note:	Not Reported
Level reading date:	1916-04-25	Feet below surface:	Not Reported
Feet to sea level:	5.85	Note:	Not Reported

Level reading date:	1916-04-18	Feet below surface:	Not Reported
Feet to sea level:	5.70	Note:	Not Reported
Level reading date:	1916-04-10	Feet below surface:	Not Reported
Feet to sea level:	5.45	Note:	Not Reported
Level reading date:	1916-04-03	Feet below surface:	Not Reported
Feet to sea level:	5.25	Note:	Not Reported
Level reading date:	1916-03-28	Feet below surface:	Not Reported
Feet to sea level:	5.20	Note:	Not Reported
Level reading date:	1916-03-20	Feet below surface:	Not Reported
Feet to sea level:	4.95	Note:	Not Reported
Level reading date:	1916-03-13	Feet below surface:	Not Reported
Feet to sea level:	4.85	Note:	Not Reported
Level reading date:	1916-03-06	Feet below surface:	Not Reported
Feet to sea level:	4.80	Note:	Not Reported
Level reading date:	1916-02-28	Feet below surface:	Not Reported
Feet to sea level:	4.70	Note:	Not Reported
Level reading date:	1916-02-21	Feet below surface:	Not Reported
Feet to sea level:	4.25	Note:	Not Reported
Level reading date:	1916-02-11	Feet below surface:	Not Reported
Feet to sea level:	4.35	Note:	Not Reported
Level reading date:	1916-02-04	Feet below surface:	Not Reported
Feet to sea level:	4.45	Note:	Not Reported
Level reading date:	1916-01-28	Feet below surface:	Not Reported
Feet to sea level:	4.50	Note:	Not Reported
Level reading date:	1916-01-21	Feet below surface:	Not Reported
Feet to sea level:	4.55	Note:	Not Reported
Level reading date:	1916-01-14	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1916-01-01	Feet below surface:	Not Reported
Feet to sea level:	4.60	Note:	Not Reported
Level reading date:	1915-12-24	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1914-01-30	Feet below surface:	Not Reported
Feet to sea level:	6.14	Note:	Not Reported
Level reading date:	1914-01-13	Feet below surface:	Not Reported
Feet to sea level:	6.14	Note:	Not Reported
Level reading date:	1913-12-23	Feet below surface:	Not Reported
Feet to sea level:	5.64	Note:	Not Reported
Level reading date:	1913-12-03	Feet below surface:	Not Reported
Feet to sea level:	5.79	Note:	Not Reported
Level reading date:	1913-11-17	Feet below surface:	Not Reported
Feet to sea level:	5.89	Note:	Not Reported

Level reading date:	1913-10-31	Feet below surface:	Not Reported
Feet to sea level:	5.94	Note:	Not Reported
Level reading date:	1913-10-15	Feet below surface:	Not Reported
Feet to sea level:	5.74	Note:	Not Reported
Level reading date:	1913-09-23	Feet below surface:	Not Reported
Feet to sea level:	5.99	Note:	Not Reported
Level reading date:	1913-09-06	Feet below surface:	Not Reported
Feet to sea level:	6.29	Note:	Not Reported
Level reading date:	1913-08-20	Feet below surface:	Not Reported
Feet to sea level:	6.59	Note:	Not Reported
Level reading date:	1913-07-22	Feet below surface:	Not Reported
Feet to sea level:	7.14	Note:	Not Reported
Level reading date:	1913-07-03	Feet below surface:	Not Reported
Feet to sea level:	7.79	Note:	Not Reported
Level reading date:	1913-06-18	Feet below surface:	Not Reported
Feet to sea level:	8.29	Note:	Not Reported
Level reading date:	1913-06-04	Feet below surface:	Not Reported
Feet to sea level:	8.59	Note:	Not Reported
Level reading date:	1913-05-16	Feet below surface:	Not Reported
Feet to sea level:	8.44	Note:	Not Reported
Level reading date:	1913-05-01	Feet below surface:	Not Reported
Feet to sea level:	8.09	Note:	Not Reported
Level reading date:	1913-04-10	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1913-03-24	Feet below surface:	Not Reported
Feet to sea level:	6.74	Note:	Not Reported
Level reading date:	1913-03-06	Feet below surface:	Not Reported
Feet to sea level:	6.54	Note:	Not Reported
Level reading date:	1913-02-18	Feet below surface:	Not Reported
Feet to sea level:	6.34	Note:	Not Reported
Level reading date:	1913-01-31	Feet below surface:	Not Reported
Feet to sea level:	6.34	Note:	Not Reported
Level reading date:	1913-01-15	Feet below surface:	Not Reported
Feet to sea level:	6.19	Note:	Not Reported
Level reading date:	1912-12-25	Feet below surface:	Not Reported
Feet to sea level:	6.19	Note:	Not Reported
Level reading date:	1912-12-10	Feet below surface:	Not Reported
Feet to sea level:	6.44	Note:	Not Reported
Level reading date:	1912-11-26	Feet below surface:	Not Reported
Feet to sea level:	7.04	Note:	Not Reported
Level reading date:	1912-11-11	Feet below surface:	Not Reported
Feet to sea level:	6.84	Note:	Not Reported

Level reading date:	1912-10-24	Feet below surface:	Not Reported
Feet to sea level:	6.64	Note:	Not Reported
Level reading date:	1912-10-10	Feet below surface:	Not Reported
Feet to sea level:	6.74	Note:	Not Reported
Level reading date:	1912-09-19	Feet below surface:	Not Reported
Feet to sea level:	6.94	Note:	Not Reported
Level reading date:	1912-09-06	Feet below surface:	Not Reported
Feet to sea level:	7.14	Note:	Not Reported
Level reading date:	1912-08-22	Feet below surface:	Not Reported
Feet to sea level:	7.24	Note:	Not Reported
Level reading date:	1912-08-08	Feet below surface:	Not Reported
Feet to sea level:	7.34	Note:	Not Reported
Level reading date:	1912-07-19	Feet below surface:	Not Reported
Feet to sea level:	7.79	Note:	Not Reported
Level reading date:	1912-07-05	Feet below surface:	Not Reported
Feet to sea level:	8.14	Note:	Not Reported
Level reading date:	1912-06-20	Feet below surface:	Not Reported
Feet to sea level:	8.49	Note:	Not Reported
Level reading date:	1911-10-26	Feet below surface:	Not Reported
Feet to sea level:	5.39	Note:	Not Reported
Level reading date:	1911-10-11	Feet below surface:	Not Reported
Feet to sea level:	5.24	Note:	Not Reported

22
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000827625**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 142. 1	Type:	Well
Description:	Not Reported	HUC:	02030202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	20-foot Clay
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	64	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E - User Questionnaire

Site Name: 135-27 Sapphire Street, Queens, NY

Name and Title of Person Completion Questionnaire

Sam Zirkiev, owner

Signature of Person Completing Questionnaire

Date: 10/31/24

The following are a series of questions from ASTM 1527-21 that must be answered to qualify for Landowner Liability Protection under CERCLA. Please provide an answer to each question or attach pertinent information.

1. ASTM E1527-21 indicates that, to meet the requirements of 40 C.F.R. 312.20 and 312.25, a search for the existence of environmental liens and Activity and Use Limitations that are filed or recorded against the property must be conducted by the user. To meet this requirement, users may rely on either title insurance documentation (commonly fashioned as preliminary title reports or title commitments) or a title search (commonly fashioned as a Condition of Title, Title Abstract, AUL/Environmental Lien, or similarly titled report)."

   a. Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

   ☒ No ☐ Yes (Describe or attach information) Attachment No. _____

   b. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g. engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g. administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   ☒ No ☐ Yes (Describe or attach information) Attachment No. _____

2. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   ☒ No ☐ Yes (Describe or attach information) Attachment No. _____

3. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

☐ No ☒ Yes (Describe or attach information) Attachment No. _____

Not applicable – property already owned by developer or in contract based on prevailing land costs in area

a. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

4. Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

a. Do you know the past uses of the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

b. Do you know of specific chemicals that are present or once were present at the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

c. Do you know of spills or other chemical releases that have taken place at the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

d. Do you know of any environmental cleanups that have taken place at the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

5. As the User of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

6. ASTM identifies certain documents as "Helpful Documents" for the understanding of environmental conditions at the Site. Are you aware of any of the following documents; and if so, can they be made available?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

☐	Prior Environmental Assessments	☐	Risk Assessments
☐	Compliance Reports	☐	Hazardous Waste Generation Notices
☐	Environmental Permits	☐	Notices from Environmental Agencies
☐	Tank Registrations	☐	Underground Injection System Registrations
☐	Material Safety Data Sheets (MSDS)	☐	Community Right to Know Plans
☐	Safety or Spill Protection Plans	☐	Hydrogeologic or Geotechnical Reports

7. Do you know who the past owners of the property are, and can you provide contact information?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

8. Do you have a complete site plan of the property that shows property boundaries, and can you make it available?

☐ No ☒ Yes (Describe or attach information) Attachment No. _____

This is already in your file

Appendix F - Qualifications of Environmental Professional



Robert L. Jackson, P.E.

Associate Principal

Summary of Experience

Mr. Jackson is a Professional Environmental Engineer with extensive experience that includes program/project management, site characterization and remediation, due diligence, discharge/spill prevention, QA/QC, and regulatory compliance. He is well versed in multiple regulatory programs and has worked primarily in New Jersey, New York and Pennsylvania.

Mr. Jackson manages a variety of projects including site investigation and remedial design and remedial action, and preparation and certification of DPCC and SPCC Plans, for sites in New Jersey and New York. He has successfully executed projects in New York City in conjunction with the Board of Standards and Appeals (BSA), Housing Preservation & Development (HPD), NYC Department of Environmental Protection (DEP), NYC Mayor's Office of Environmental Remediation (OER), New York City Housing Authority (NYCHA), and the New York State Department of Environmental Conservation (DEC). Some of these projects have been completed under the Brownfields and Voluntary Clean-up Programs at the state and city level.

Mr. Jackson has prepared and/or implemented Phase II Remedial Investigation Workplans, Remedial Action Work Plans, Stipulation Letters, and Site Management Plans. He has designed soil excavation plans, vapor barriers and sub-slab depressurization and soil vapor extraction systems. He has coordinated and provided construction oversight services and prepared the required Remedial Action Reports, Remedial Closure Reports, and Final Engineering Reports for these projects.

Education

B.S., Civil and Environmental Engineering, Cornell University, 1984

Licenses & Registrations

Professional Engineer:
- New Jersey, 1997, #GE04027600
- New York, 2022, #106372
- Pennsylvania, 2006, #PE073492
- Delaware, #22690

NJ Subsurface Evaluator #621376

Areas of Specialization

- Site Investigation & Remediation
- Due Diligence
- Spill/Discharge Prevention
- Vapor Intrusion Mitigation

Relevant Project Experience

SITE INVESTIGATION & REMEDIATION

Project Manager, CAMBA Housing Ventures – 329 Clarkson Avenue/Clarkson Estates, Brooklyn, New York. Complex project involving numerous regulatory agencies to approve an affordable housing and community facility on property that is under a NYSDEC Consent Order. Providing environmental services, including due diligence, environmental planning, CEQR, SEQR, and additional supporting studies for this NYS Homes and Community Renewal lead "Vital Brooklyn Initiative." The site investigation was related to media contaminated with residual Manufactured Gas Plant (MGP) material. The Project Site was subject to a Site Management Plan (SMP) that included two adjacent Lots under the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program administered by the Department of Environmental Conservation (NYSDEC). Designed and oversaw a waste characterization program, coordinated asbestos and lead-based paint surveys and sampling, reviewed and commented on a Remedial System Optimization Investigation (RSOI) workplan and report. Various documents were prepared including a Project Summary, Excavation Workplan, and SSDS design. The development includes 100% affordable housing.

Responsible Engineer, Carlstadt-East Rutherford School District, East Rutherford, New Jersey. Providing environmental engineering services for the removal of underground fuel oil storage tanks. The tanks are located immediately adjacent to the neighboring property building; the project included design of structural supports for

Robert L. Jackson, P.E.
Associate Principal

that building. Project also required municipal permits and construction oversight of the tank cleanout, removal and disposal of PCB contaminated oil from the tanks and lead contaminated soil beneath them.

Responsible Engineer, The Housing Authority of Irvington, Irvington, New Jersey. Project initially involved due diligence of the property and investigation of suspected underground storage tanks (USTs) onsite prior to proposed demolition of the seven-building apartment complex. Lacking documentation of UST closure, additional site investigation was conducted, during which free-phase product or Non-aqueous Phase Liquid (NAPL) in the groundwater was discovered. The site requires the short-term collection and removal of the NAPL in recovery wells to be installed onsite as well as design and implementation of a long-term strategy to address residual contamination after the NAPL is recovered to the extent possible.

Responsible Engineer, County of Essex, Essex County Correctional Facility Remediation, Newark, New Jersey. Provided engineering services for the ongoing remediation of groundwater contamination at the correctional facility which is in the ISRA program. Services included evaluating and repairing monitoring wells, preparing various reports, and working with the County to advance the project through the ISRA process.

Senior Technical Advisor, Beach 67th Street, Queens, New York. This project involved planning and environmental engineering services for a proposed nine-story residential redevelopment in the Arverne neighborhood of Queens. Performed a Phase I Preliminary Site Assessment and Phase II Site Investigation; prepared Remedial Action Plan; CEQR Environmental Assessment services; supplemental studies; and prepared an Air Quality and Noise Remedial Action Plan. An E-Designation (E-605) for Air Quality, Noise, and HAZMAT (Hazardous Materials) was placed on the Subject Property as part of a Rezoning (CEQR# 21DCP048Q). Senior technical advisor on the development of the remedial investigation workplan and preparation of the remedial action workplan for the site; also reviewed the site's Phase II Investigation Report. This project was under the jurisdiction of the Office of Environmental Remediation (OER).

Responsible Engineer, CAMBA Housing Ventures – 1038 Broadway, Brooklyn, New York. Provided and coordinated due diligence, site investigation, remedial design, and construction oversight services for the property which is being developed from a 1-story office building to a 10-story, affordable housing building immediately adjacent to elevated train tracks. The project included the implementation of a Remedial Investigation, monitoring the train tracks and adjacent buildings for potential settlement, design of a sub-slab depressurization system, and completion of a Remedial Closure Report. Project implemented under the jurisdiction of the New York City Department of Environmental Protection.

Senior Technical Advisor, 265 Sumpter Street, Brooklyn, New York. Designed and conducted an investigation of a school building and sub-surface after a New York City Schools Construction Authority-commissioned study had found higher than normal mercury levels that prompted the school's closure. Building components were screened with a Jerome meter and samples of the components were collected for analysis. The data indicated that the entire building and sub-surface soil were saturated with mercury; initial demolition plans were prepared but not implemented.

Project Manager, 651 Gates Avenue, Brooklyn, New York. This project involved planning and environmental engineering work on a complex redevelopment project for a six-story, 100% mixed-income, 96-unit affordable housing development. The project was entered into OER's Voluntary Clean Up Program. Managed and oversaw removal of 11 USTs and excavation of 7,590 cubic yards of non-hazardous soil/fill for offsite disposal; conducted materials management of excavated materials including screening for indications of contamination, temporarily stockpiling and segregating for disposal or reuse; designed and oversaw installation of vapor barrier system; and oversaw and documented imported soil to be used for backfill and cover in compliance with the RAWP (Remedial Action Workplan) and in accordance with applicable laws and regulations. Project completed under OER jurisdiction.

Project Manager, Westchester Mews, Bronx, New York. Managed completion of CEQR Environmental Assessment Statement (EAS); performed a Phase I Preliminary Site Assessment and Phase II Site Investigation; prepared Remedial Action Plan; and developed site remediation engineering and design services for this rezoning in Unionport neighborhood that comprised 17 separate tax lots. Managed the investigation and remediation of two phases of work on this property under the jurisdiction of the OER. The development of the site included two high-rise residential towers on opposite ends of two contiguous lots in the Bronx; a

Robert L. Jackson, P.E.
Associate Principal

separate remedial action workplan was required for each lot, and the construction and closure of the lots were tracked separately by OER. Annual inspections were completed and documented in accordance with the Site Management Plan for each lot.

Project Manager, Williamsburg Bridgeview Apartments – Berry Street, Brooklyn, New York. Project manager for environmental engineering services from due diligence to closure for an 11-story affordable housing structure. Conducted Phase I Environmental Site Assessment (ESA) and Phase II Remedial Investigation of soil, soil vapor and groundwater. Based on the results of the Phase II investigation done under the jurisdiction of the New York City Office of Environmental Remediation (OER), the project was transferred to the New York State Department of Environmental Conservation (DEC) and entered into the Brownfield Cleanup Program (BCP). Under the BCP, the remedial action workplan was developed which included a supplemental phase of investigation. During the remediation of the site, five USTs were discovered and properly closed. Soil vapor data indicated a potential for offsite migration which prompted further investigation and eventual design and installation of a soil vapor extraction (SVE) system. The remedial action included excavation and offsite disposal of contaminated soil, design and oversight of the installation of a sub-slab depressurization system (SSDS), oversight of the design and installation of a soil vapor extraction (SVE) system for offsite migration control of vapors, and execution of a Community Air Monitoring Program. A Site Management Plan (SMP) was developed for the property along with a Final Engineering Report (FER).

Project Manager, Sites Adjacent to Former Manufactured Gas Plant, Brooklyn, New York. Managed Phase II Site Investigation of two properties on or adjacent to a former Manufactured Gas Plant (MGP). Assisted in the development of the Site Management Plans for each site to ensure that MGP-contaminated soils would be or were properly handled. Also helped review potential disposal sites for excess soils based on proposed development of each site. Both projects required close coordination with the architects and remediation contractors.

Project Engineer, Cragston Landfill, Highland Falls, New York. Provided construction management for landfill's remediation, involving installation of engineered cap over the former garbage landfill. The oversight included inspection of the liner installation, soil cover compaction, and drainage feature design and construction.

Resident Contract (Project) Engineer for approximately 20 sites within Honeywell's Corporate Remediation and Evaluation Services (RES) Department, Multiple Locations. Activities included general support for Honeywell Project Managers for projects in multiple states under state regulatory lead, U.S. EPA lead or joint oversight situations. Projects have also been performed under various types of administrative/consent orders and voluntary programs. RI/FS activities for Honeywell included coordinating and overseeing work on sites of varied size and land use with a wide range of contaminants of concern including VOCs, SVOCs, PCBs, TPH, metals, LNAPL and DNAPL in all media. Investigations included biota sampling, NAPL fingerprinting, tidal studies, and vibracore sampling of sediments.

Team Leader, Honeywell Study Area 7 (SA7) Treatability Team, New Jersey. Implemented pilot study expanded to include additional testing with new reagents. Duties included assisting in development of scope of pilot test program, contracting appropriate technology vendors, coordinating activities with the SA7 Implementation Team and onsite staff, and serving as onsite construction supervisor for implementation of pilot test activities. Participated in development of cost estimates for full scale implementation of specific pilot tests that were successful.

Team Leader, SA7 Team Investigation of the Treatment of Chromium Ore Processing Residue (COPR), New Jersey. The Team studied the mechanisms for COPR heaving and release of hexavalent chromium not only for the SA7 (Study Area 7) site but, for multiple sites in New Jersey and Maryland. This highly significant research and development project included coordination of approximately 12 contractors and academic entities managing various portions of the $4 million investigation. Duties included providing direction for the project, managing budget and schedule, maintaining the flow of critical information throughout the team, review of various interim and final reports, and applicable technology review.

Robert L. Jackson, P.E.

Associate Principal

REGULATORY COMPLIANCE

Environmental Risk Manager, Confidential Spirits Manufacturing Company, Lehigh, Pennsylvania. Acted as on-site Environmental Risk Manager focusing on maintaining or bringing into compliance environmental activities at the facility.

Environmental Risk Manager, Nationwide Regulatory Compliance Audits, Multiple Locations. Conducted nationwide regulatory compliance audits for a confidential spirits manufacturing company. These audits were conducted to look in depth at specific aspects of the facility operations rather than a comprehensive regulatory audit. Provided temporary, onsite environmental compliance support for their Breinigsville, PA facility while they conducted a search for a full-time employee. Duties included conducting routine facility inspections, completing revisions of the facility emergency response plans, updating the residual waste documentation, making a determination on their hazardous waste generator status, etc.

Project Engineer, Massachusetts Water Resources Authority (MWRA), Wastewater Inspections, Massachusetts. Conducted industrial wastewater inspections throughout the MWRA service area of 43 communities surrounding Boston. Prepared follow-up reports with recommendations for appropriate wastewater sampling or enforcement actions. Initiated program to promote recycling and waste minimization primarily focused on the metal finishing industry.

Publications and Presentations

Remediation of Chromite Ore Processing Residue by Chemical Reductants, Eighth International Symposium on In Situ and On-Site Bioremediation; Baltimore, MD; June 6, 2005. Wazne, Mahmoud; Papazoglou, Pierantonios; Papastavrou, Marilena; Meng, Xiaoguang; Dermatas, Dimitris; Christodoulatos, Christos; Kaouris, Maria; Morris, John; Jackson, Robert L.

Certifications/Training

- 40-hour OSHA Hazwoper
- First Aid/CPR
- Six Sigma Certified

Affiliations/Memberships

- Commerce and Industry Association of New Jersey (CIANJ)
- Society of American Military Engineers – New Jersey Post Vice President (SAME-NJ)

Christian DiGennaro

Scientist II

Education

A.S., Biology, County College of Morris, 2019
B.S., Environmental Science, Ramapo College of New Jersey- School of Theoretical and Applied Science, 2021

Areas of Specialization

- Due Diligence
- Site Investigations
- Remediation

Summary of Experience

Mr. DiGennaro is an environmental scientist with one and a half years of experience in the environmental field. He has performed most of his work in New York and also has experience in New Jersey. His experience includes conducting soil, soil vapor, air, and groundwater testing, as well as gauging wells, potable sampling, performing site reconnaissance, Phase I Environmental Site Assessments, Phase II Site Investigations, Preliminary Assessments, Remedial Investigations, contractor oversight, noise monitoring, Storm Water sampling and reports, Emerging Contaminants Review, Order of Magnitude Review, Project Estimate Sheets, updating of site-specific Health and Safety Plans, and preparing deliverables for regulatory and technical reports.

Relevant Project Experience

Scientist, Beach 67th Street, Queens, New York. Providing planning and environmental engineering services for a redevelopment project for a site in the Arverne neighborhood of Queens. The proposed future use of the Site will consist of a nine-story residential building. Mr. DiGennaro were onsite for remedial investigation activities. He oversaw the installation of soil borings and temporary monitoring wells. He documented the borings and temporary monitoring wells with well purging and soil boring sampling logs. All samples were properly preserved in laboratory supplied containers and coolers and submitted under chain-of-custody procedures to a laboratory certified in the New York State Department of Health (DOH) Environmental Laboratory Analysis Program (ELAP). Following the remedial investigation, Mr. DiGennaro also helped prepare the Remedial Investigation Report and Remedial Action Workplan.

Scientist, 979 Pacific Street, Brooklyn, New York. Completed planning and environmental engineering work for a redevelopment project for a 10,000 square foot lot in the Crown Heights neighborhood of Brooklyn. We performed a Phase II Site Investigation; prepared Remedial Action Plan; and prepared a Noise Remedial Action Plan. Particularly high levels of lead contamination were identified at The Site during the Remedial Investigation. The hot spots were delineated, stockpiled separately in compliance with all applicable laws and regulations, and segregated from clean soil to be treated separately as hazardous soil. Mr. DiGennaro was onsite for construction oversight; conducting Community Air Monitoring Program (CAMP), tracking trucks for soil disposal, testing and oversight of backfill placement, and overseeing the installation of the vapor barrier. The CAMP work includes setting up two DustTrak monitoring stations in their own enclosures, elevated on contractor grade tripods. Following each day of construction oversight, a daily report was created that included an overview of the events for that day, construction activities for the rest of the week, a truck log, sampling log, and photos at the end of the report. The daily reports were uploaded to OER's EPIC website daily. Mr. DiGennaro also conducted waste class sampling and end point sampling at the site. All samples were properly preserved in laboratory supplied containers and coolers and submitted under chain-of-custody procedures to a laboratory certified in the New York State Department of Health (DOH) Environmental Laboratory Analysis Program (ELAP).

Christian DiGennaro

Scientist II

Environmental Planning, Engineering, and Remediation Activities, New York and New Jersey. Mr. DiGennaro assists project managers in environmental planning, engineering, and remediation activities. His expertise consists of field operations ranging from ground water sampling, soil sampling, soil gas and vapor intrusion sampling activities, dust monitoring, oversight of contractors, oversight of vapor barrier installation, oversight of geophysics survey, and oversight of the extraction of material from hazardous waste barrels, report writing and preparation, and completing New Jersey EDDs (Electronic Data Deliverables). He also has experience conducting noise monitoring and assessments in New York. Mr. DiGennaro has assisted on wetlands delineation projects which were prepared for the NJDEP.

Phase I Environmental Site Assessments and Phase II Site/Remedial Investigations, New York and New Jersey. Mr. DiGennaro is versed in completing both Phase I Environmental Site Assessments and Phase II Site/Remedial Investigations throughout New York and New Jersey. Phase I Investigations have included historic and regulatory records review, site reconnaissance, inspections of UST and AST systems, interviews, and reporting. He also has experience related to the oversite of temporary and permanent monitoring well installation. Phase II Site/Remedial Investigations have consisted of sampling multi-media for a broad range of parameters, including PFAS/PFAS in soil and groundwater using NYSDEC procedures and protocols.

Remedial Activities, New York and New Jersey. Mr. DiGennaro has assisted with remedial activities including post excavation soil sampling, analysis of data reports, reporting and submittal of NJDEP documents, preparation of soil boring logs, groundwater purge forms, and remedial investigation reports.

Certifications/Training

- Hazwoper 40-hour Certification OSHA Course Certificate
- 30-hour OSHA Construction Industry
- 10-hour OSHA Construction Industry
- 8-hour OSHA Refresher
- Rutgers University Wetland Delineation Certificate Series
- The Interpretation of Analytical Data for Site Remediation Course
- Effective Environmental Field Sampling & Data Collection Course
- Conducting Environmental Due Diligence in New Jersey Course
- First Aid/CPR



GZA GeoEnvironmental, Inc.

APPENDIX E

NOISE BACKUP DATA

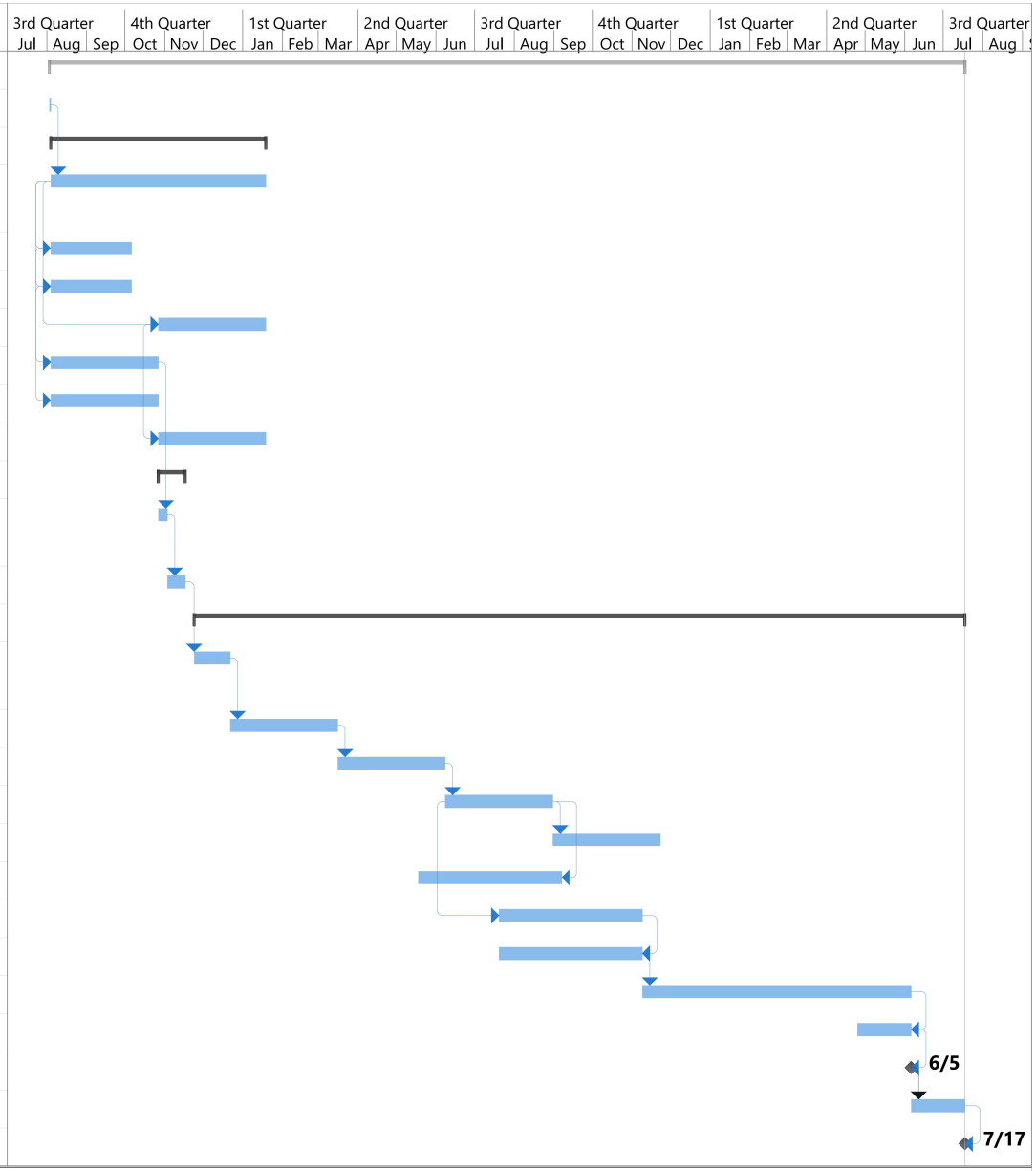
APPENDIX F

DETAILED CONSTRUCTION SCHEDULE AND EQUIPMENT SCHEDULE

Equipment	2026			2027												2028							Usage Factor
	Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3	
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	
Concrete Mixer	0	2	2	2	2	2	5	5	5	1	1	0	0	0	0	0	0	0	0	0	0	0	100%
Excavator	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40%
Backhoe	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40%
Displacement Pile Rig	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20%
Concrete Pump	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	20%
Crane	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	75%
Troweling Machine	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	50%
Troweling Machine	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	50%
Forklift	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	50%
Hoist	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	75%

Excavation / Foundation
Superstructure / Exteriors
Interior Fit-Out

ID	Task Name	Duration	Start	Finish
0	**Sapphire Street Rezoning**	**511 days**	**Mon 8/3/26**	**Mon 7/17/28**
1	ULURP Approvals	1 day	Mon 8/3/26	Mon 8/3/26
2	**Pre Construction Activities**	**120 days**	**Tue 8/4/26**	**Mon 1/18/27**
3	Schematic - Construction Documents	120 days	Tue 8/4/26	Mon 1/18/27
4	BID & Award - Demolition	45 days	Tue 8/4/26	Mon 10/5/26
5	BID & Award - Foundation	45 days	Tue 8/4/26	Mon 10/5/26
6	BID & Award - Full Building	60 days	Tue 10/27/26	Mon 1/18/27
7	DOB Approval - Demolition	60 days	Tue 8/4/26	Mon 10/26/26
8	DOB Approval - Foundation	60 days	Tue 8/4/26	Mon 10/26/26
9	DOB Approval - Full Building	60 days	Tue 10/27/26	Mon 1/18/27
10	**Site Clearance**	**15 days**	**Tue 10/27/26**	**Mon 11/16/26**
11	Mobilization/ Building Protection/Temp Facilities	5 days	Tue 10/27/26	Mon 11/2/26
12	Site Clearing	10 days	Tue 11/3/26	Mon 11/16/26
13	**Construction**	**430 days**	**Tue 11/24/26**	**Mon 7/17/28**
14	Excavation and Support of Excavation	20 days	Tue 11/24/26	Mon 12/21/26
15	Foundation	60 days	Tue 12/22/26	Mon 3/15/27
16	Superstructure	60 days	Tue 3/16/27	Mon 6/7/27
17	Façade Enclosure	60 days	Tue 6/8/27	Mon 8/30/27
18	Roofing and Waterproofing	60 days	Tue 8/31/27	Mon 11/22/27
19	Elevator	80 days	Tue 5/18/27	Mon 9/6/27
20	Interior Core and Shell	80 days	Tue 7/20/27	Mon 11/8/27
21	DOB Inspection Core and Shell	80 days	Tue 7/20/27	Mon 11/8/27
22	Interior Finishes & Fitout	150 days	Tue 11/9/27	Mon 6/5/28
23	Fire Inspection Approval	30 days	Tue 4/25/28	Mon 6/5/28
24	Obtain TCO	0 days	Mon 6/5/28	Mon 6/5/28
25	Final Punchlist & Cleaning	30 days	Tue 6/6/28	Mon 7/17/28
26	Certificate of Occupancy	0 days	Mon 7/17/28	Mon 7/17/28



Project: Sapphire Street Rezoni
Date: Thu 4/16/26

Task	Inactive Task	Manual Summary Rollup	External Milestone
Split	Inactive Milestone	Manual Summary	Deadline
Milestone	Inactive Summary	Start-only	Progress
Summary	Manual Task	Finish-only	Manual Progress
Project Summary	Duration-only	External Tasks	