Appendix D

Noise

Site 1 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				73.7	83.4	77.3	69.8	62.0	58.7	85.8
Time	07:11:13 AM	07:38:03 AM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 1 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				73.5	81.0	77.4	70.6	64.3	60.4	83.8
Time	11:30:21 AM	11:52:28 AM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 1 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				72.8	81.9	76.2	69.3	63.4	61.0	86.3
Time	04:56:56 PM	05:17:46 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 2 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				67.9	80.0	69.4	63.6	60.3	58.1	85.1
Time	08:00:51 AM	08:25:02 AM	0:20:00							
Date	10/21/2009	10/21/2009								

Site 2 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				64.2	72.1	67.5	61.8	59.3	58.0	76.3
Time	12:33:02 PM	12:54:09 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 2 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				66.8	74.6	70.2	64.2	62.0	60.9	81.5
Time	02:21:26 PM	02:42:28 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 3 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				63.6	72.3	66.2	61.3	58.6	57.1	78.6
Time	08:28:00 AM	08:48:04 AM	0:20:00							
Date	10/21/2009	10/21/2009								

Site 3 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				63.4	71.7	65.8	61.5	59.2	57.5	75.4
Time	12:04:51 PM	12:28:58 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 3 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				65.4	75.2	68.4	61.6	58.9	57.4	80.7
Time	05:23:29 PM	05:44:09 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 4 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				66.6	75.9	69.5	62.3	58.4	55.7	84.6
Time	07:27:28 AM	07:47:39 AM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 4 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				66.1	75.4	68.9	63.2	59.5	56.7	82.5
Time	11:40:51 AM	12:01:42 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 4 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				63.6	70.5	66.6	62.0	58.9	55.7	75.4
Time	04:30:48 PM	04:51:18 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 5 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				63.6	72.0	66.9	60.5	57.5	56.4	78.9
Time	07:52:13 AM	08:15:49 AM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 5 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				63.4	72.2	65.4	61.1	58.9	56.2	78.0
Time	01:00:54 PM	01:22:46 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 5 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				62.9	69.3	65.3	61.5	59.6	57.3	74.2
Time	05:47:37 PM	06:08:24 PM	0:20:00							
Date	09/23/2009	09/23/2009								

Site 6 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				66.5	72.9	69.8	64.4	60.2	57.9	79.8
Time	08:20:58 AM	08:41:36 AM	0:20:01							
Date	11/09/2010	11/09/2010								

Site 6 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				64.4	74.7	67.5	60.9	57.9	55.9	78.7
Time	12:18:29 PM	12:38:30 PM	0:20:01							
Date	11/09/2010	11/09/2010								

Site 6 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				65.7	76.6	67.2	60.7	57.4	56.1	87.6
Time	05:23:26 PM	05:46:23 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 7 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				65.2	73.3	67.6	64.2	57.3	55.6	79.7
Time	07:56:02 AM	08:16:57 AM	0:20:01							
Date	11/09/2010	11/09/2010								

Site 7 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				65.3	76.1	66.6	60.3	57.9	55.7	86.1
Time	01:06:42 PM	01:27:30 PM	0:20:04							
Date	11/09/2010	11/09/2010								

Site 7 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				60.3	68.4	62.9	58.2	56.1	54.5	77.4
Time	05:51:08 PM	06:11:31 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 8 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				56.0	60.1	58.0	55.5	54.0	53.0	69.8
Time	07:51:50 AM	08:11:50 AM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 8 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				56.4	59.6	57.7	56.0	55.0	54.0	65.3
Time	12:07:02 PM	12:29:18 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 8 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				57.9	61.3	59.3	57.6	56.5	55.4	64.2
Time	04:56:32 PM	05:17:52 PM	0:20:00							
Date	10/06/2009	10/06/2009								

Site 9 WD AM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				73.7	81.7	76.7	71.2	66.9	65.6	91.7
Time	08:45:42 AM	09:05:43 AM	0:20:01							
Date	05/10/2011	05/10/2011								

Site 9 WD MD

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				72.9	81.1	75.7	70.9	68.2	66.5	84.2
Time	01:45:36 PM	02:05:49 PM	0:20:01							
Date	05/10/2011	05/10/2011								

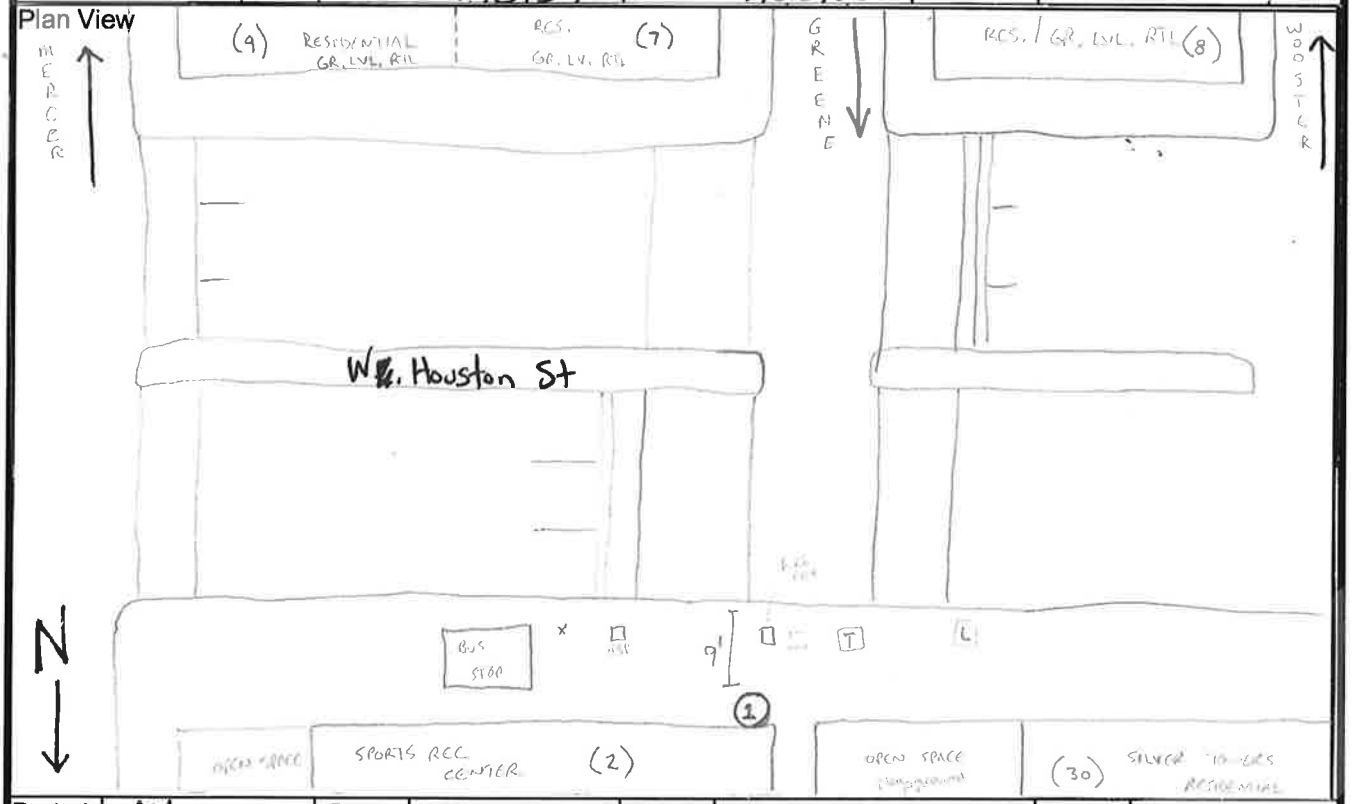
Site 9 WD PM

	Start time	End time	Elapsed time	LAeq [dB]	LAS1 [dB]	LAS10 [dB]	LAS50 [dB]	LAS90 [dB]	LASmin [dB]	LASmax [dB]
Value				73.9	82.8	76.9	71.3	68.0	66.8	87.6
Time	06:03:46 PM	06:23:47 PM	0:20:01							
Date	05/10/2011	05/10/2011								

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core				Date	9/23/2009
Location	West Houston St @ Greene St				# Site	1
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/2009		Observer:	Christian / Tom
	Mic	SN: 2378182	Date: 8/14/2009			
	Calib	SN: 2130737	Date: 7/22/2009			

Plan View

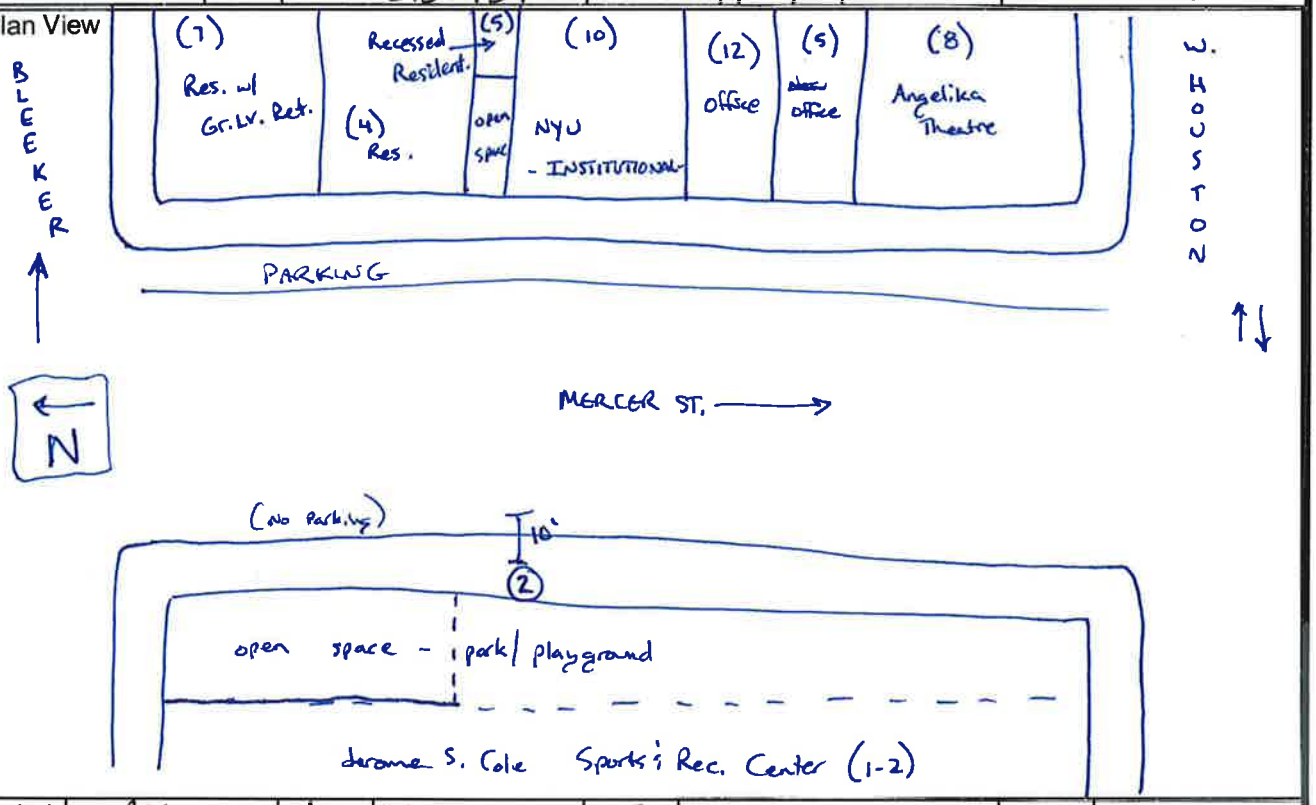


Period	AM	331	# Automobile	31	# Medium Truck	13	# Heavy Truck
Time	7:11	16	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	83.4	L50	69.8	Lmin	58.7	Leq	73.7
L10	77.3	L90	62.0	Lmax	85.8	Lpeak	
Note:	Data\Tom\NYU2031\0001 traffic counter stuck 400s						
Period	MD	573	# Automobile	54	# Medium Truck	9	# Heavy Truck
Time	11:30	8	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	81.0	L50	70.6	Lmin	60.4	Leq	73.5
L10	77.4	L90	64.3	Lmax	83.8	Lpeak	
Note:	\0005 Kids playing in adjacent playground						
Period	PM	619	# Automobile	21	# Medium Truck	2	# Heavy Truck
Time	16:56	13	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	81.9	L50	69.3	Lmin	61.0	Leq	72.8
L10	76.2	L90	63.4	Lmax	86.3	Lpeak	
Note:	\0006						
Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core			Date	9/23/09
Location	Mercer St btw Bleecker & W. Houston			# Site	2
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/09	Observer:	Christian / Tom
	Mic	SN: 2378182	Date: 8/14/09		
	Calib	SN: 2130737	Date: 7/22/09		

Plan View



10/21/2009

Period	AM	41	# Automobile	5	# Medium Truck	3	# Heavy Truck
Time	8:00	1	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	80.0	L50	63.6	Lmin	58.1	Leq	67.9
L10	69.4	L90	60.3	Lmax	85.1	Lpeak	
Note:	0041						

Period	MD	65	# Automobile	2	# Medium Truck	0	# Heavy Truck
Time	12:33	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	72.1	L50	61.8	Lmin	58.0	Leq	64.2
L10	67.5	L90	59.3	Lmax	76.3	Lpeak	
Note:	0010						

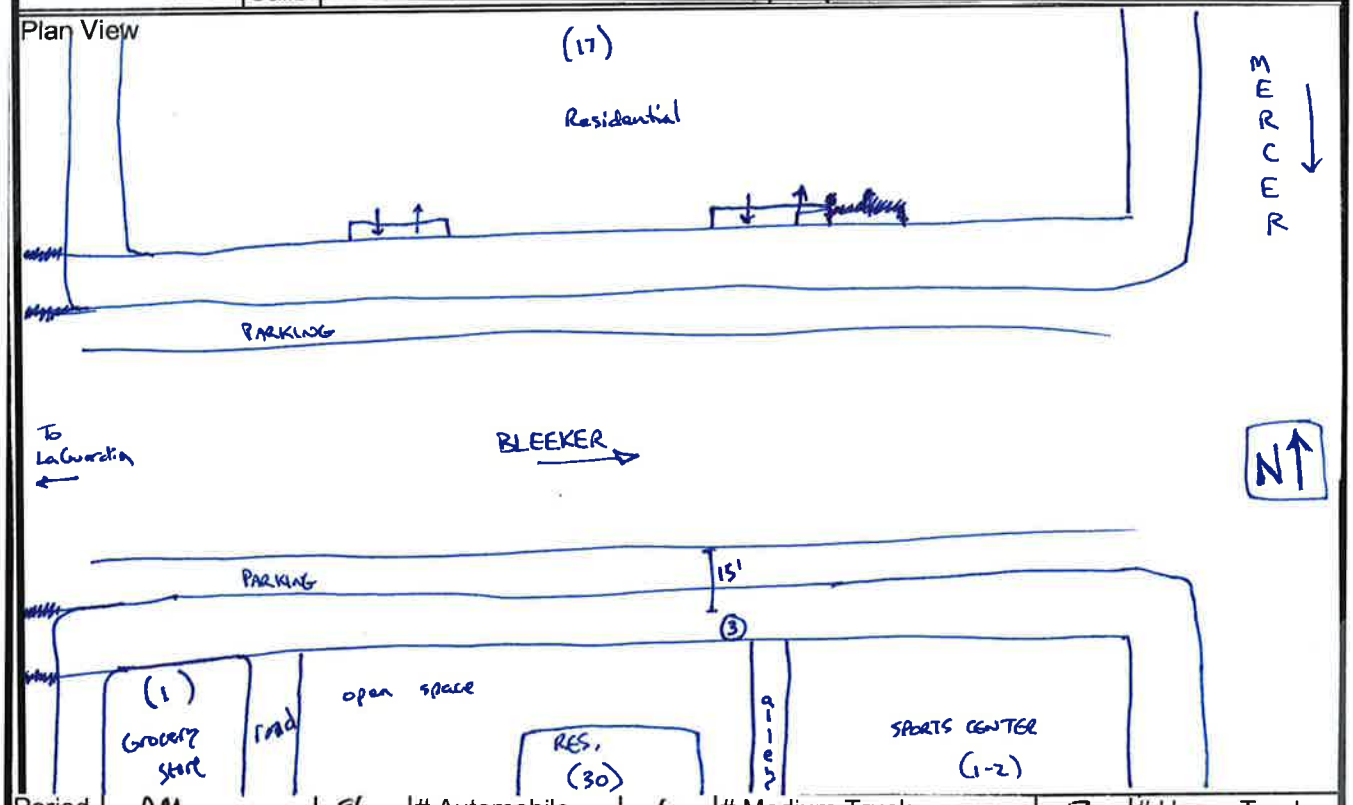
Period	PM	95	# Automobile	7	# Medium Truck	0	# Heavy Truck
Time	14:21	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	74.6	L50	64.2	Lmin	60.9	Leq	66.8
L10	70.2	L90	62.0	Lmax	81.5	Lpeak	
Note:	0001						

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core			Date	9/23/09
Location	Bleecker btw Mercer & LaGuardia			# Site	3
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/09	Observer:	Christian/Tom
	Mic	SN: 2378182	Date: 8/14/09		
	Calib	SN: 2130737	Date: 7/22/09		

Plan View



10/21/09

Period	AM	86	# Automobile	6	# Medium Truck	2	# Heavy Truck
Time	8:28	2	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	72.3	L50	61.3	Lmin	~~78.6~~ 57.1	Leq	63.6
L10	66.2	L90	58.6	Lmax	78.6	Lpeak	
Note:	0042						

Period	MD	108	# Automobile	9	# Medium Truck	0	# Heavy Truck
Time	12:04	6	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	71.7	L50	61.5	Lmin	57.5	Leq	63.4
L10	65.8	L90	59.2	Lmax	75.4	Lpeak	
Note:	0009						

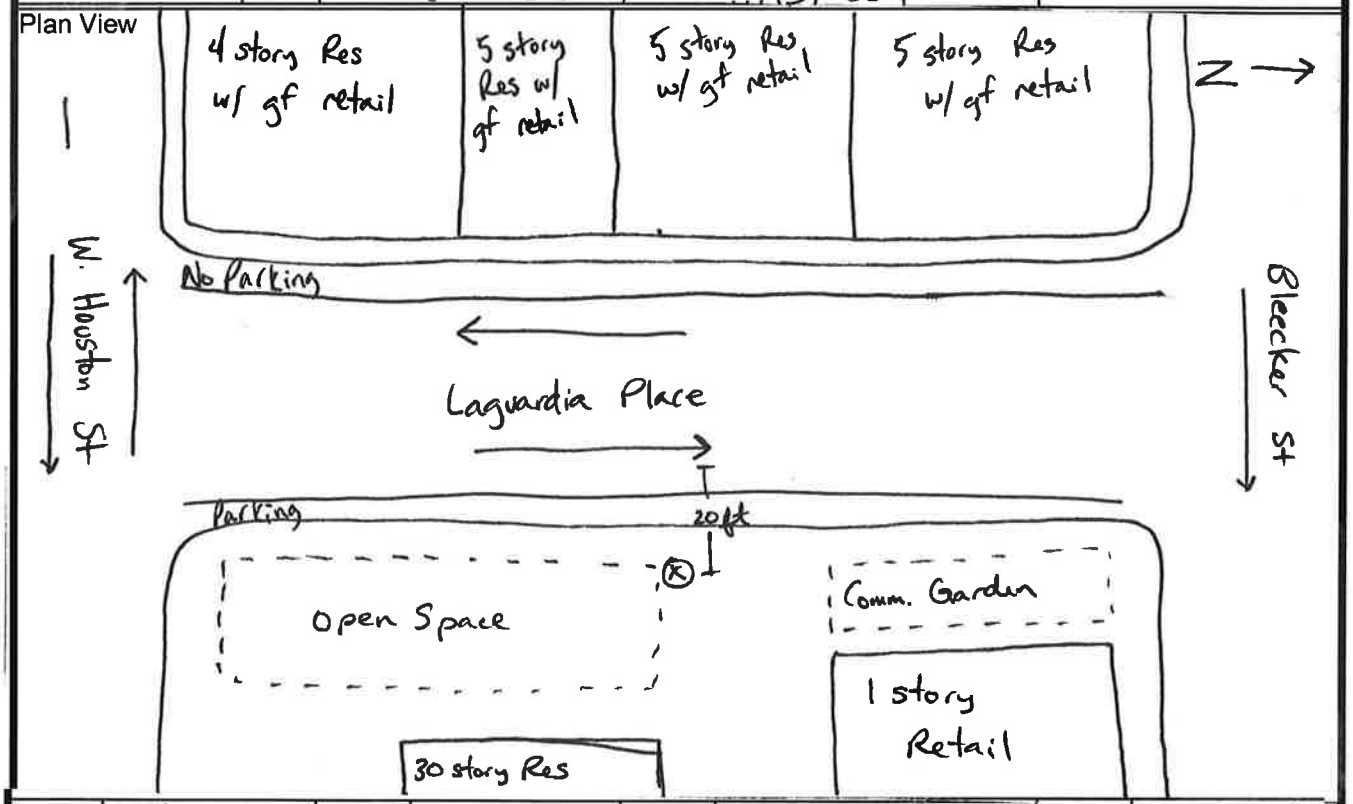
Period	PM	110	# Automobile	4	# Medium Truck	1	# Heavy Truck
Time	17:23	2	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	75.2	L50	61.6	Lmin	57.4	Leq	65.4
L10	68.4	L90	58.9	Lmax	80.7	Lpeak	
Note:	0007						

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core				Date	10/6/2009
Location	LaGuardia btw W. Houston & Bleecker				# Site	4
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/2009		Observer:	Christian
	Mic	SN: 2378182	Date: 8/14/2009			
	Calib	SN: 1800107	Date: 8/13/2009			

Plan View

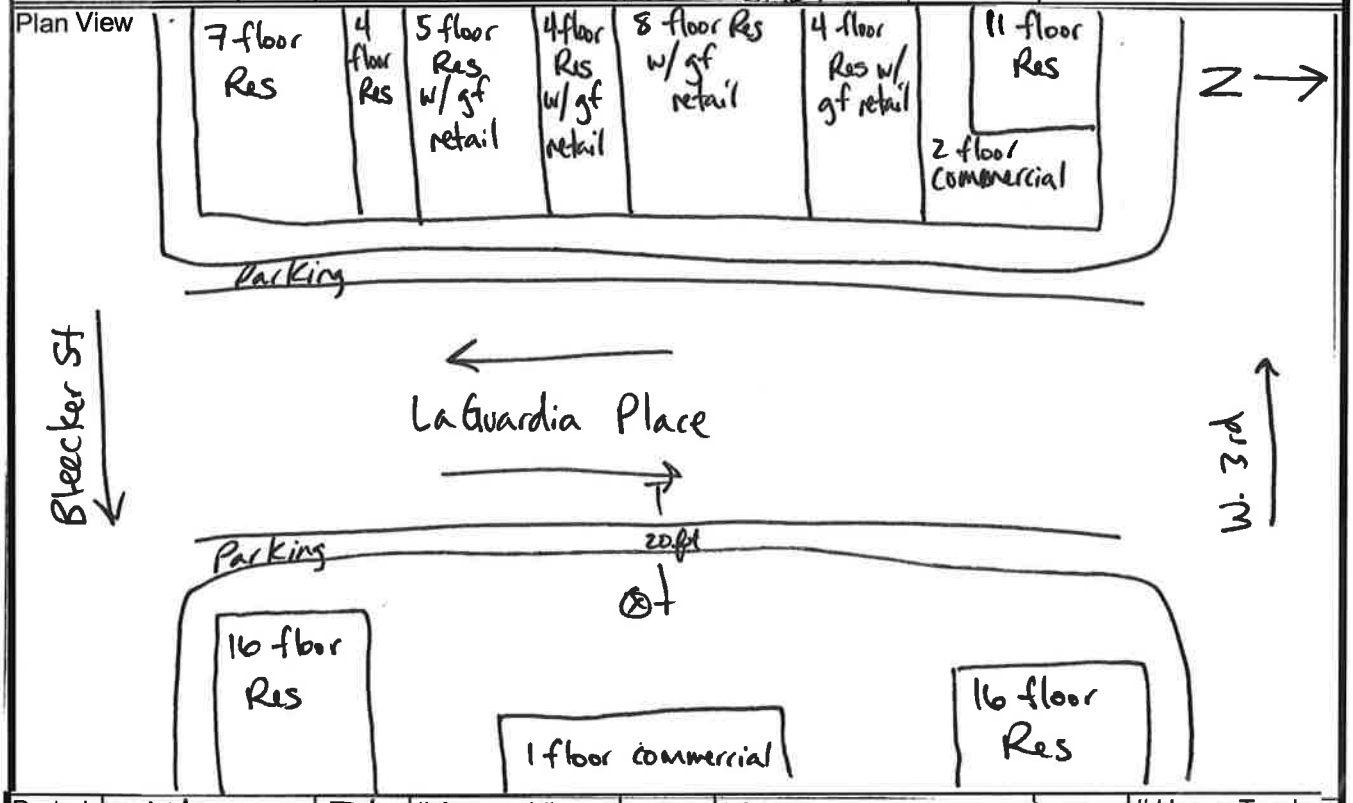


Period	AM	78	# Automobile	8	# Medium Truck	1	# Heavy Truck
Time	7:27	2	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	75.9	L50	62.3	Lmin	55.7	Leq	66.6
L10	69.5	L90	58.4	Lmax	84.6	Lpeak	
Note:	0020						
Period	MD	132	# Automobile	10	# Medium Truck	2	# Heavy Truck
Time	11:40	2	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	75.4	L50	63.2	Lmin	56.7	Leq	66.1
L10	68.9	L90	59.5	Lmax	82.5	Lpeak	
Note:	0028						
Period	PM	139	# Automobile	3	# Medium Truck	0	# Heavy Truck
Time	16:30	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	70.5	L50	62.0	Lmin	55.7	Leq	63.6
L10	66.6	L90	58.9	Lmax	75.4	Lpeak	
Note:	0036						
Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	~~LaGuardia~~ NYU Core			Date	9/23/09
Location	LaGuardia btw Bleecker & W. 3rd			# Site	5
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/2009	Observer:	Christian
	Mic	SN: 2378182	Date: 8/14/2009		
	Calib	SN: 1800102	Date: 8/13/2009		

Plan View



Period	AM	74	# Automobile	8	# Medium Truck	0	# Heavy Truck
Time	7:52	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	72.0	L50	60.5	Lmin	56.4	Leq	63.6
L10	66.9	L90	57.5	Lmax	78.9	Lpeak	
Note: 0002							

Period	MD	77	# Automobile	9	# Medium Truck	2	# Heavy Truck
Time	13:00	1	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	72.2	L50	61.1	Lmin	56.2	Leq	63.4
L10	65.4	L90	58.9	Lmax	78.0	Lpeak	
Note: 0011 lawn equipment behind commercial building							

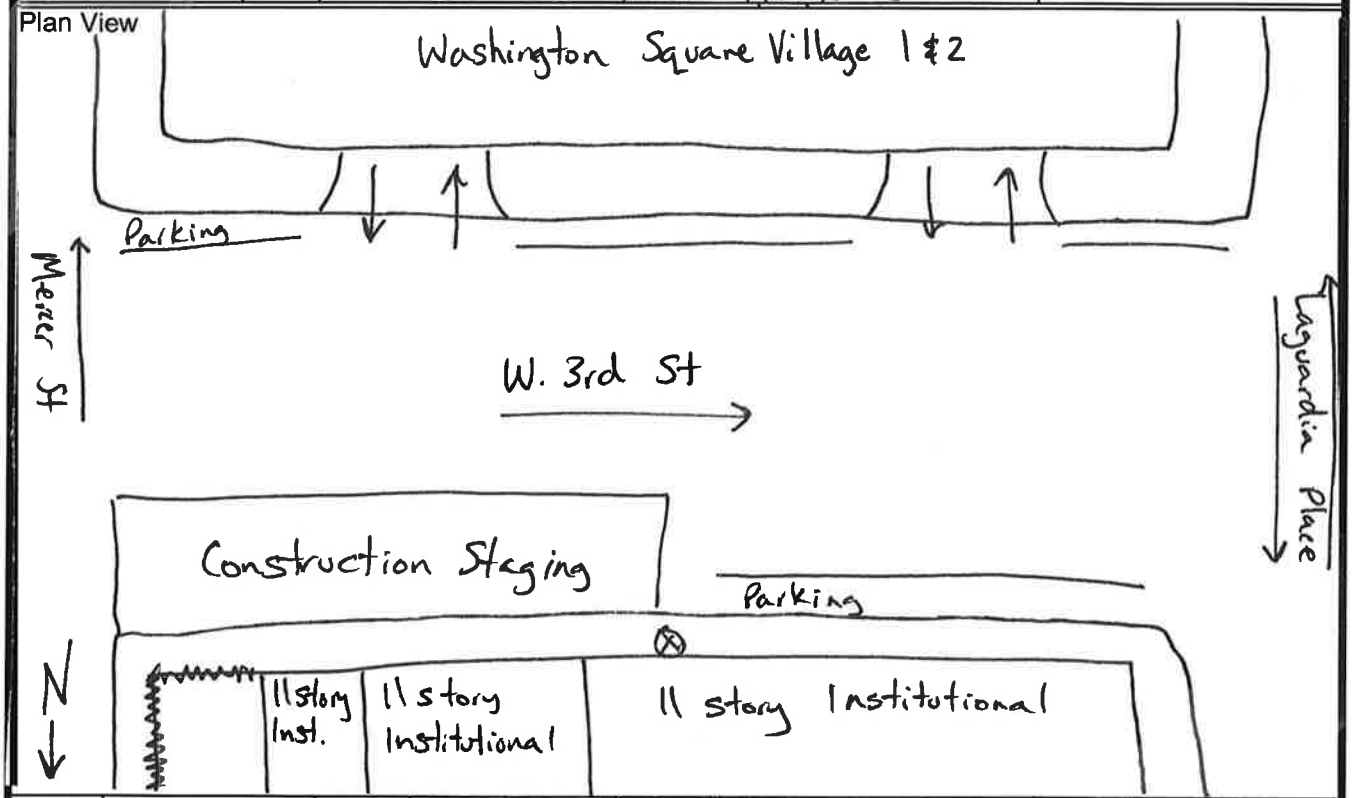
Period	PM	128	# Automobile	3	# Medium Truck	0	# Heavy Truck
Time	17:47	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	69.3	L50	61.5	Lmin	57.3	Leq	62.9
L10	65.3	L90	59.6	Lmax	74.2	Lpeak	
Note: 0008							

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core			Date	11/9/10
Location	W. 3rd St btw Mercer & LaGuardia			# Site	6
Equipment / Calibration Info	Meter	SN: 2375602	Date: 7/30/2010	Observer:	Christian
	Mic	SN: 2378182	Date: 7/30/2010		
	Calib	SN: L800102	Date: 7/22/2010		

Plan View



Period	AM		# Automobile		# Medium Truck		# Heavy Truck
Time	8:20		# Bus		# Motorcycle		# Airplane/ Train
L1	72.9	L50	64.4	Lmin	57.9	Leq	66.5
L10	69.8	L90	60.2	Lmax	79.8	Lpeak	
Note:							

Period	MD		# Automobile		# Medium Truck		# Heavy Truck
Time	12:18		# Bus		# Motorcycle		# Airplane/ Train
L1	74.7	L50	60.9	Lmin	55.9	Leq	64.4
L10	67.5	L90	57.9	Lmax	78.7	Lpeak	
Note:							

Period	PM	114	# Automobile	3	# Medium Truck	0	# Heavy Truck
Time	17:23	3	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	76.6	L50	60.7	Lmin	56.1	Leq	65.7
L10	67.2	L90	57.4	Lmax	87.6	Lpeak	
Note: 0038							

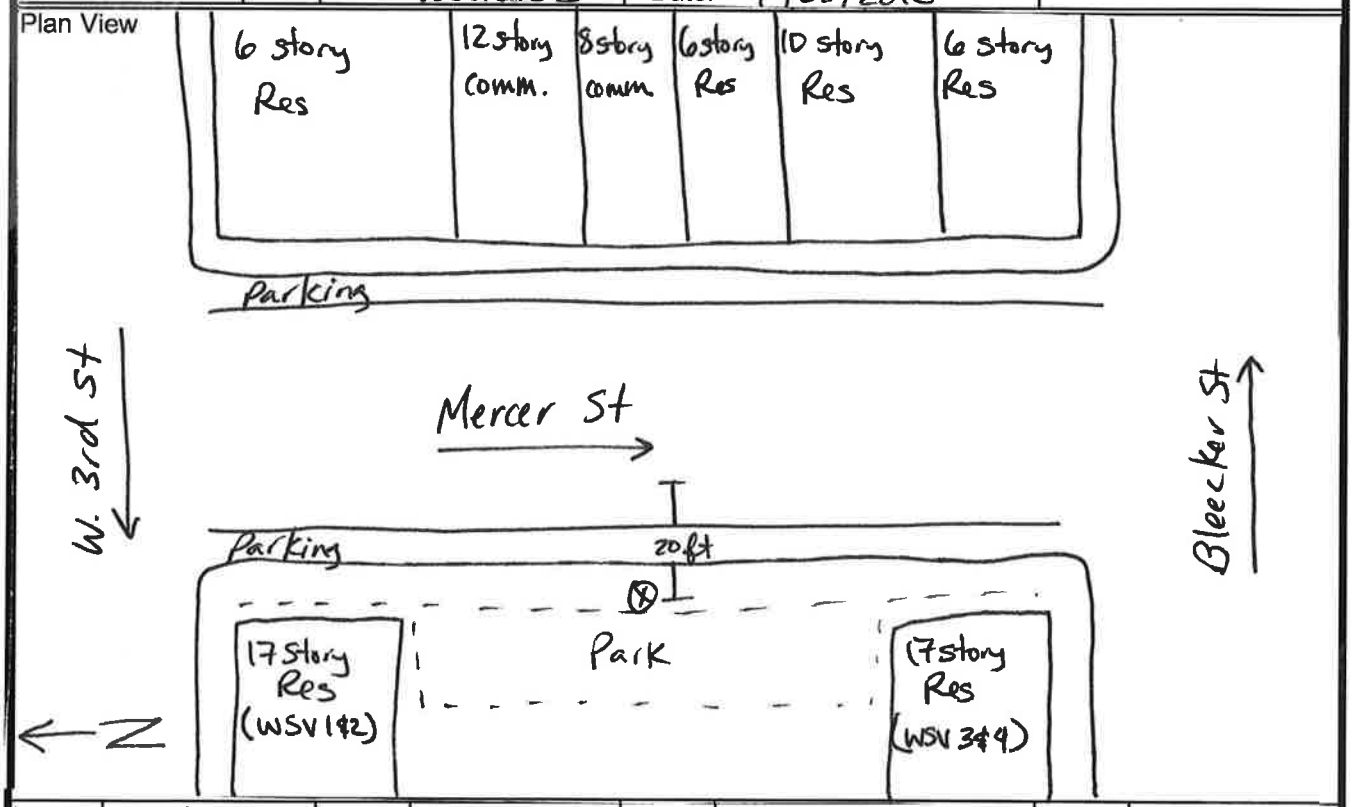
10/6/09

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core				Date	11/9/2010
Location	Mercer btw W.3rd & Bleecker				# Site	7
Equipment / Calibration Info	Meter	SN: 2375602	Date: 7/30/2010		Observer:	Christian
	Mic	SN: 2378182	Date: 7/30/2010			
	Calib	SN: 1800102	Date: 7/22/2010			

Plan View



Period	AM		# Automobile		# Medium Truck		# Heavy Truck
Time	7:56		# Bus		# Motorcycle		# Airplane/ Train
L1	73.3	L50	64.2	Lmin	55.6	Leq	65.2
L10	67.6	L90	57.3	Lmax	79.7	Lpeak	
Note:							

Period	MD		# Automobile		# Medium Truck		# Heavy Truck
Time	13:06		# Bus		# Motorcycle		# Airplane/ Train
L1	76.1	L50	60.3	Lmin	55.7	Leq	65.3
L10	66.6	L90	57.9	Lmax	86.1	Lpeak	
Note:							

Period	PM	62	# Automobile	1	# Medium Truck	0	# Heavy Truck
Time	17:51	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	68.4	L50	58.2	Lmin	54.5	Leq	60.3
L10	62.9	L90	56.1	Lmax	77.4	Lpeak	
Note: 10039							

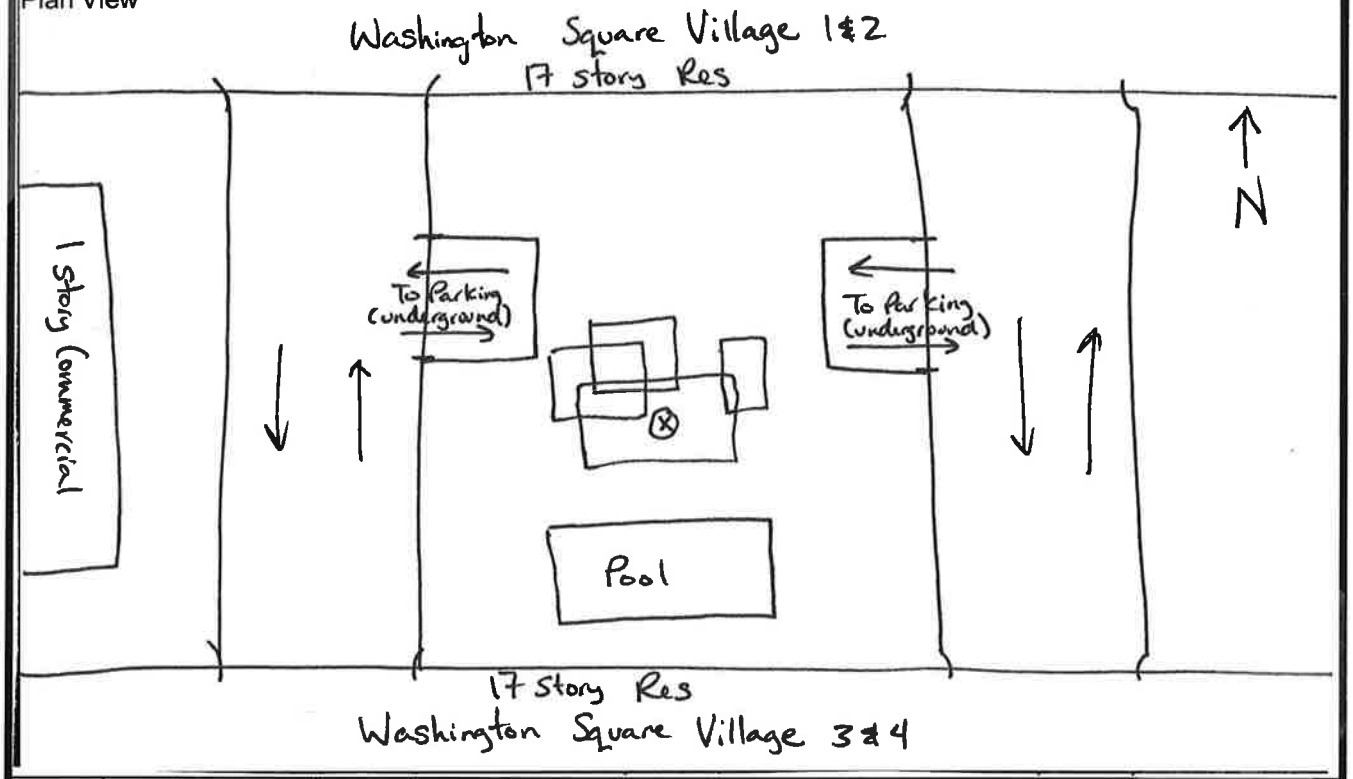
10/6/09

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core			Date	10/6/09
Location	Courtyard of Washington Square Village			# Site	8
Equipment / Calibration Info	Meter	SN: 2375602	Date: 8/14/2009	Observer:	Christian
	Mic	SN: 2378182	Date: 8/14/2009		
	Calib	SN: 1800102	Date: 8/13/2009		

Plan View



Period	AM	0	# Automobile	0	# Medium Truck	0	# Heavy Truck
Time	7:51	1	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	60.1	L50	55.5	Lmin	53.0	Leq	56.0
L10	58.0	L90	54.0	Lmax	69.8	Lpeak	
Note: \0021							

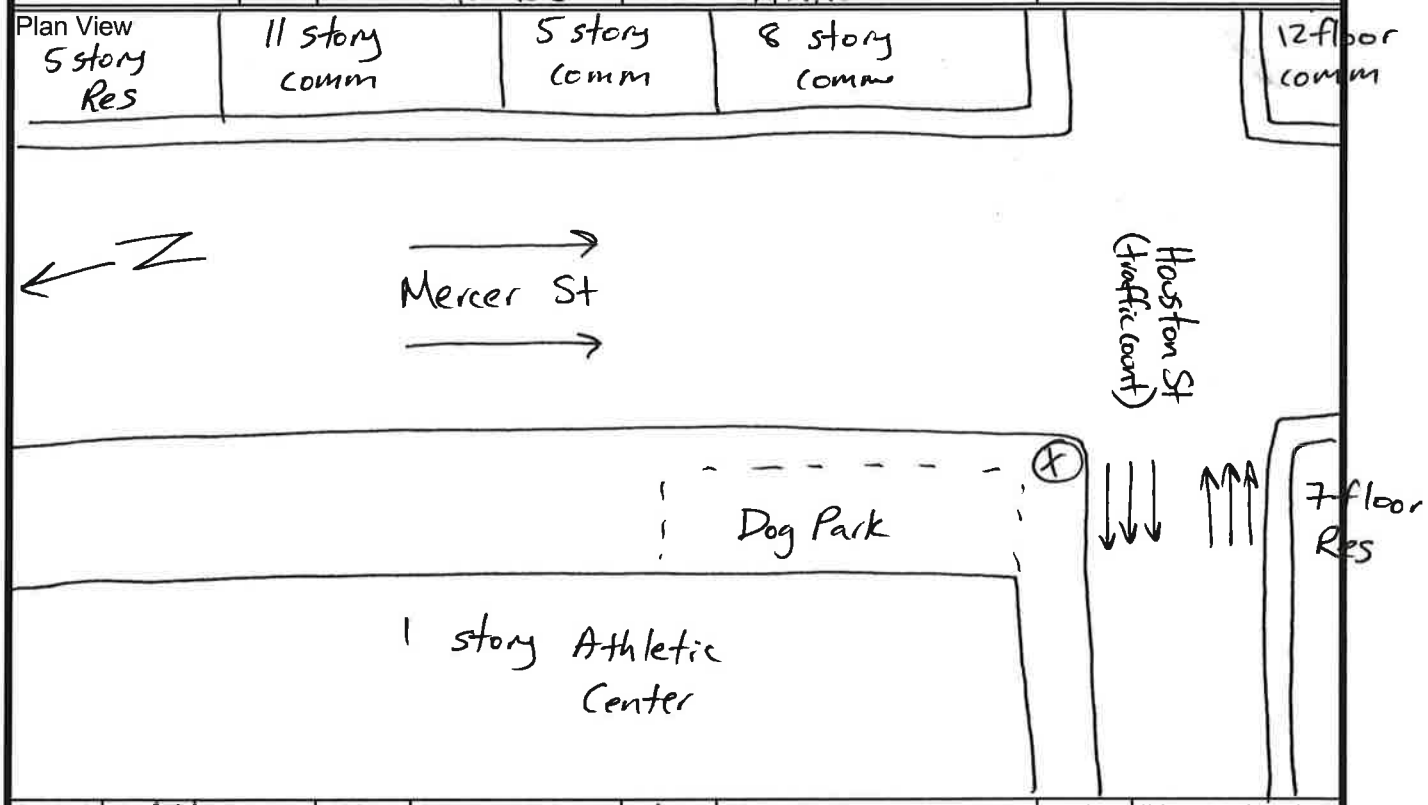
Period	MD	2	# Automobile	1	# Medium Truck	0	# Heavy Truck
Time	12:07	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	59.6	L50	56.0	Lmin	54.0	Leq	56.4
L10	57.7	L90	55.0	Lmax	65.3	Lpeak	
Note: \0029							

Period	PM	17	# Automobile	1	# Medium Truck	0	# Heavy Truck
Time	16:56	0	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	61.3	L50	57.6	Lmin	55.4	Leq	57.9
L10	59.3	L90	56.5	Lmax	64.2	Lpeak	
Note: \0037, Kids playing in playground							

Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

NOISE MONITORING FIELD DATA SHEET
AKRF, Inc.

Project Name	NYU Core			Date	5/10/11
Location	Corner of Mercer St & Houston St			# Site	9
Equipment / Calibration Info	Meter	SN: 2384814	Date: 7/22/10	Observer:	Christian
	Mic	SN: 2385722	Date: 7/22/10		
	Calib	SN: 2412436	Date: 7/14/10		



Period	AM	572	# Automobile	46	# Medium Truck	11	# Heavy Truck
Time	8:45	7	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	~~81.6~~ ~~81.7~~	L50	~~71.0~~ ~~71.2~~	Lmin	65.6	Leq	73.7
L10	~~76.6~~ ~~76.7~~	L90	~~66.8~~ ~~66.9~~	Lmax	91.7	Lpeak	
Note: \0004 60°F, 11mph some noise from Athletic Center louvers							
Period	MD	573	# Automobile	46	# Medium Truck	~~8~~	# Heavy Truck
Time	13:45	11	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	~~81.0~~ ~~81.1~~	L50	~~70.8~~ ~~70.9~~	Lmin	66.5	Leq	72.9
L10	~~75.6~~ ~~75.7~~	L90	~~68.0~~ ~~68.2~~	Lmax	84.2	Lpeak	
Note: \0014, 0015 (accidentally saved twice) 72°F, 11mph							
Period	PM	626	# Automobile	18	# Medium Truck	3	# Heavy Truck
Time	18:03	16	# Bus	0	# Motorcycle	0	# Airplane/ Train
L1	~~82.6~~ ~~82.8~~	L50	~~71.2~~ ~~71.3~~	Lmin	66.8	Leq	73.9
L10	~~76.8~~ ~~76.9~~	L90	68.0	Lmax	87.6	Lpeak	
Note: \0022 66°F, 7mph							
Period			# Automobile		# Medium Truck		# Heavy Truck
Time			# Bus		# Motorcycle		# Airplane/ Train
L1		L50		Lmin		Leq	
L10		L90		Lmax		Lpeak	
Note:							

Existing Dog Run Data

Location	Condition	Measurement Start Time	Measurement Duration	L_{eq}	L_1	L_{10}	L_{50}	L_{90}	L_{Min}	L_{Max}	L_{eq} Dog Only*
Eastern Side of Washington Square Park Dog Run	No Dogs	8:37am	13:25	57.8	67.7	59.3	56.0	53.6	52.2	71.8	68.4
	With Dogs	8:37am	20:01	68.8	81.5	69.7	56.8	53.8	52.2	87.5	
	No Dogs	9:01am	13:20	55.8	62.6	57.9	54.4	53.3	52.2	69.3	60.8
	With Dogs	9:01am	20:03	62.0	75.2	63.1	55.3	53.5	52.3	79.2	
Northern Side of Washington Square Park Dog Run	No Dogs	10:43am	13:54	56.2	62.1	57.8	55.5	53.7	52.2	66.6	59.7
	With Dogs	10:43am	20:01	61.3	73.2	63.1	56.1	53.9	52.4	80.6	
	No Dogs	11:05am	10:01	58.3	66.4	61.5	55.9	54.4	53.2	70.6	72.9
	With Dogs	11:05am	21:09	73.0	86.9	74.9	58.2	54.7	53.0	91.1	
	No Dogs	11:32am	12:34	57.8	65.1	59.3	56.5	54.8	53.2	73.0	74.0
	With Dogs	11:32am	20:01	74.1	89.2	71.7	57.4	55.1	53.4	94.3	
	No Dogs	11:57am	11:37	57.4	64.6	59.6	56.2	54.1	52.6	69.8	64.8
	With Dogs	11:57am	20:01	65.5	77.8	67.0	57.0	54.5	52.7	89.1	
	No Dogs	12:27pm	14:13	57.2	63.5	59.5	56.4	54.7	53.0	67.7	63.2
	With Dogs	12:27pm	20:01	64.2	75.6	66.3	57.0	54.9	53.1	84.0	

* Calculated by logarithmically subtracting the "No Dogs" measurement from the "With Dogs" measurement.

L_{eq} Dog Only	Distance from 110 Silver Towers to Proposed Dog Run (ft)	Distance from Zipper Building to Proposed Dog Run (ft)	Projected Dog Run Noise Levels at 110 Silver Towers (Leq)	Projected Dog Run Noise Levels at Zipper building (Leq)	Associated Noise Receptor	Measured Existing Noise Levels (Leq)	Analyzed DIstance from West Houston Street to 110 Silver Towers (ft)[1]	Analyzed Distance from West Houston Street to Zipper Building (ft)[1]	Existing Noise Levels Projected to 110 Silver Towers East Façade (Leq)[2]	Existing Noise Levels Projected to Zipper Building West Façade (Leq)[2]	Predicted Ambient Noise Levels at 110 Silver Towers Due to Dog Run (Leq)[3]	Predicted Ambient Noise Levels at Zipper Building Due to Dog Run (Leq)[3]	Noise Level Increase Over Existing at 110 Silver Towers (dBA)	Noise Level Increase Over Existing at Zipper Building (dBA)
74.0	45	36	64.5	65.4	1	72.8	60	72	66.8	66.0	68.8	68.7	2.0	2.7

[1] These distances were calculated to be the furthest distances from the roadway that would still receive the maximum noise levels from the proposed dog park.

[2] Calculated assuming a 3 dBA dropoff per doubling of distance.

[3] Calculated by logarithmically adding the projected dog run noise levels and the projected existing noise levels.

Receptor	Receptor Façade	Receptor Floor	Distance to Receptor from Playground (ft)	Predicted Playground Noise Level (L_{eq})*	Attenuation Due to Barrier (dBA)	Resultant Playground Noise Level (L_{eq})	Associated Noise Receptor	Measured Existing Noise Level (L_{eq})	Calculated Build Noise Level (L_{eq})	Level Increase (dBA)
CEQR Dropoff Rate			0	75						
			15	73						
			30	70						
505 LaGuardia	North	8	76	63.9	5.0	58.9	3	63.4	64.7	1.3
Washington Square Village 3	South	8	102	62.0		62.0	3	63.4	65.8	2.4

* Calculated using the CEQR method where $L_{eq(1)}$ noise levels at the boundary would be 75 dB(A), 15 feet from the boundary would be 73 dB(A), 30 feet from the boundary would be 70 dB(A), and the noise level would decrease by 4.5 dB(A) per doubling of distance beyond 30 feet.

Zipper Building Attenuation Analysis - West Façade

Zipper Façade Distance from W. Houston Street (feet)	Noise Level from W. Houston Street (L_{10})*	Zipper Façade Distance from Relocated Dog Park (feet)	Noise Level from Relocated Dog Park (L_{10})	Calculated L_{10} (W. Houston Street and Relocated Dog Park)	Attenuation Required (dBA)	Distance from Next Attenuation Requirement (feet)
15	77.9	36	66.2	NA	NA	
17	77.4	36	66.2	77.7	33	
20	76.7	36	66.2	77.0	33	
25	75.7	36	66.2	76.1	33	10
30	74.9	36	66.2	75.4	31	
35	74.2	36	66.2	74.9	31	
40	73.6	36	66.2	74.4	31	
45	73.1	36	66.2	73.9	31	
50	72.7	36	66.2	73.6	31	
55	72.3	36	66.2	73.2	31	25
60	71.9	36	66.2	72.9	28	
65	71.5	36	66.2	72.6	28	
70	71.2	36	66.2	72.4	28	
75	70.9	36	66.2	72.2	28	
80	70.6	37	66.0	71.9	28	
85	70.4	39	65.9	71.7	28	
90	70.1	41	65.6	71.4	28	
95	69.9	44	65.3	71.2	28	
100	69.7	47	65.1	71.0	28	
105	69.4	50	64.8	70.7	28	
110	69.2	54	64.5	70.5	28	
115	69.1	58	64.2	70.3	28	
120	68.9	62	63.9	70.1	28	
125	68.7	66	63.6	69.9	NA	60

* Calculated assuming a 3 dBA dropoff per doubling of distance.

Zipper Building Attenuation Analysis - East Façade

Zipper Façade Distance from W. Houston Street	Noise Level from W. Houston Street (L_{10})*	Attenuation Required (dBA)	Distance from Next Attenuation Requirement (feet)
15	77.9	NA	
17	77.4	33	
23	76.0	33	10
25	75.7	31	
30	74.9	31	
35	74.2	31	
40	73.6	31	
45	73.1	31	
50	72.7	28	25

* Calculated assuming a 3 dBA dropoff per doubling of distance.

Floor #	Height of Receptor from Playground (ft)	Associated Noise Receptor	Measured Difference between L_{10} and L_{eq} (dBA)	Predicted Playground Noise Level (L_{eq})*	Calculated L_{10}	Attenuation Required (dBA)
8	0	3	2.4	75.0	77.4	33
9	10	3	2.4	75.0	77.4	33
10	20	3	2.4	73.0	75.4	31
11	30	3	2.4	70.0	72.4	28
12	40	3	2.4	68.1	70.5	28
13	50	3	2.4	66.7	69.1	NA
14	60	3	2.4	65.5	67.9	NA

* Calculated using the CEQR method where $L_{eq(1)}$ noise levels at the boundary would be 75 dB(A), 15 feet from the boundary would be 73 dB(A), 30 feet from the boundary would be 70 dB(A), and the noise level would decrease by 4.5 dB(A) per doubling of distance beyond 30 feet.

RECEPTOR NOISE LEVEL CALCULATION FOR YEAR | **2031**

NYU Core Proportional Modeling Analysis

Receptor Location	Site	Hour	EXISTING CONDITIONS							2031 NO BUILD				2031 BUILD						
			Volume	%Auto	%Medium	%Heavy	%Bus	PCEs	$L_{eq(1)}$	Volume	PCEs	Leq(1)	Change	P-G Autos	P-G Medium	P-G Heavy	P-G Bus	Total PCE's	Leq (1)	Change
West Houston Street at Greene Street	1	Weekday AM	2117	92.0%	5.4%	1.2%	1.4%	5149	73.7	2300	5594	74.1	0.4	61	5	0	5	5810	74.3	0.2
		Weekday MD	2136	90.6%	6.7%	1.2%	1.5%	5587	73.5	2289	5987	73.8	0.3	63	5	0	1	6133	73.9	0.1
		Weekday PM	2209	95.2%	3.4%	0.5%	0.9%	3946	72.8	2411	4307	73.2	0.4	70	3	0	2	4452	73.3	0.1
Mercer Street between Bleecker and West Houston Streets	2	Weekday AM	188	89.5%	7.3%	1.6%	1.6%	543	67.9	199	575	68.1	0.2	68	6	0	1	739	69.2	1.1
		Weekday MD	291	93.8%	6.2%	0.0%	0.0%	508	64.2	305	532	64.4	0.2	64	7	0	0	687	65.5	1.1
		Weekday PM	394	97.9%	0.8%	0.0%	1.3%	519	66.8	417	550	67.0	0.2	67	2	0	0	643	67.7	0.7
Bleecker Street between Mercer Street and LaGuardia Place	3	Weekday AM	353	88.0%	9.0%	0.8%	2.3%	993	63.6	371	1043	63.8	0.2	60	7	0	2	1230	64.5	0.7
		Weekday MD	420	88.8%	7.2%	0.4%	3.6%	1117	63.4	437	1162	63.6	0.2	37	8	0	0	1303	64.1	0.5
		Weekday PM	462	94.8%	2.6%	0.0%	2.6%	808	65.4	483	844	65.6	0.2	42	3	0	1	943	66.1	0.5
LaGuardia Place between West Houston and Bleecker Streets	4	Weekday AM	429	85.1%	9.9%	3.3%	1.7%	1712	66.6	443	1768	66.7	0.1	42	8	0	1	1932	67.1	0.4
		Weekday MD	515	86.1%	12.4%	1.5%	0.0%	1628	66.1	532	1681	66.2	0.1	28	9	0	0	1826	66.6	0.4
		Weekday PM	557	97.2%	2.8%	0.0%	0.0%	741	63.6	576	767	63.7	0.1	53	3	0	1	877	64.3	0.6
LaGuardia Place between Bleecker and West 3rd Streets	5	Weekday AM	347	85.1%	9.9%	3.3%	1.7%	1385	63.6	358	1429	63.7	0.1	28	1	0	0	1470	63.8	0.1
		Weekday MD	442	86.1%	12.4%	1.5%	0.0%	1397	63.4	457	1444	63.5	0.1	11	1	0	0	1468	63.6	0.1
		Weekday PM	472	97.2%	2.8%	0.0%	0.0%	628	62.9	488	650	63.0	0.1	34	0	0	0	684	63.2	0.2
West 3rd Street between Mercer Street and LaGuardia Place	6	Weekday AM	351	86.9%	8.8%	2.7%	1.5%	1250	66.5	366	1304	66.7	0.2	17	1	0	0	1334	66.8	0.1
		Weekday MD	372	91.4%	8.2%	0.0%	0.4%	763	64.4	385	789	64.5	0.1	4	1	0	0	806	64.6	0.1
		Weekday PM	388	96.9%	2.8%	0.3%	0.0%	575	65.7	405	600	65.9	0.2	47	1	0	0	660	66.3	0.4
Mercer Street between West 3rd and Bleecker Streets	7	Weekday AM	163	89.5%	7.3%	1.6%	1.6%	471	65.2	173	499	65.5	0.3	25	1	0	0	537	65.8	0.3
		Weekday MD	225	93.8%	6.2%	0.0%	0.0%	393	65.3	237	414	65.5	0.2	44	1	0	0	471	66.1	0.6
		Weekday PM	286	97.9%	0.8%	0.0%	1.3%	377	60.3	303	399	60.6	0.3	43	0	0	0	442	61.0	0.4
Corner of Mercer and West Houston Streets	9	Weekday AM	2217	92.0%	5.4%	1.2%	1.4%	5392	73.7	2408	5857	74.1	0.4	92	9	0	4	6138	74.3	0.2
		Weekday MD	2297	90.6%	6.7%	1.2%	1.5%	6008	72.9	2460	6435	73.2	0.3	97	10	0	1	6680	73.4	0.2
		Weekday PM	2364	95.2%	3.4%	0.5%	0.9%	4223	73.9	2582	4612	74.3	0.4	103	4	0	2	4803	74.5	0.2

Note: Site 8 was in the courtyard of Washington Square Village. Consequently, a Noise PCE Screen is not warranted.

NYU Core Proportional Modeling L_{10} Analysis

Receptor Location	Site	Hour	NB Change	Existing L10	Category (Existing L10 noise levels)	Existing L10 + NB Change = NB L10	Category (NB L10 noise levels)	Build Change	No Build L10	No Build L10 + Build Change = Build L10	Category (B L10 noise levels)	CEQR criteria 45 dB(A)	Building Attenuation required
West Houston Street at Greene Street	1	Weekday AM	0.4	77.3	MARGINALLY UNACCEPTABLE	77.7	MARGINALLY UNACCEPTABLE	0.2	77.7	77.9	MARGINALLY UNACCEPTABLE	45	33
		Weekday MD	0.3	77.4	MARGINALLY UNACCEPTABLE	77.7	MARGINALLY UNACCEPTABLE	0.1	77.7	77.8	MARGINALLY UNACCEPTABLE	45	33
		Weekday PM	0.4	76.2	MARGINALLY UNACCEPTABLE	76.6	MARGINALLY UNACCEPTABLE	0.1	76.6	76.7	MARGINALLY UNACCEPTABLE	45	33
Mercer Street between Bleecker and West Houston Streets	2	Weekday AM	0.2	69.4	MARGINALLY ACCEPTABLE	69.6	MARGINALLY ACCEPTABLE	1.1	69.6	70.7	MARGINALLY UNACCEPTABLE	45	28
		Weekday MD	0.2	67.5	MARGINALLY ACCEPTABLE	67.7	MARGINALLY ACCEPTABLE	1.1	67.7	68.8	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.2	70.2	MARGINALLY UNACCEPTABLE	70.4	MARGINALLY UNACCEPTABLE	0.7	70.4	71.1	MARGINALLY UNACCEPTABLE	45	28
Bleecker Street between Mercer Street and LaGuardia Place	3	Weekday AM	0.2	66.2	MARGINALLY ACCEPTABLE	66.4	MARGINALLY ACCEPTABLE	0.7	66.4	67.1	MARGINALLY ACCEPTABLE	45	NA
		Weekday MD	0.2	65.8	MARGINALLY ACCEPTABLE	66.0	MARGINALLY ACCEPTABLE	0.5	66.0	66.5	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.2	68.4	MARGINALLY ACCEPTABLE	68.6	MARGINALLY ACCEPTABLE	0.5	68.6	69.1	MARGINALLY ACCEPTABLE	45	NA
LaGuardia Place between West Houston and Bleecker Streets	4	Weekday AM	0.1	69.5	MARGINALLY ACCEPTABLE	69.6	MARGINALLY ACCEPTABLE	0.4	69.6	70.0	MARGINALLY ACCEPTABLE	45	NA
		Weekday MD	0.1	68.9	MARGINALLY ACCEPTABLE	69.0	MARGINALLY ACCEPTABLE	0.4	69.0	69.4	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.1	66.6	MARGINALLY ACCEPTABLE	66.7	MARGINALLY ACCEPTABLE	0.6	66.7	67.3	MARGINALLY ACCEPTABLE	45	NA
LaGuardia Place between Bleecker and West 3rd Streets	5	Weekday AM	0.1	66.9	MARGINALLY ACCEPTABLE	67.0	MARGINALLY ACCEPTABLE	0.1	67.0	67.1	MARGINALLY ACCEPTABLE	45	NA
		Weekday MD	0.1	65.4	MARGINALLY ACCEPTABLE	65.5	MARGINALLY ACCEPTABLE	0.1	65.5	65.6	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.1	65.3	MARGINALLY ACCEPTABLE	65.4	MARGINALLY ACCEPTABLE	0.2	65.4	65.6	MARGINALLY ACCEPTABLE	45	NA
West 3rd Street between Mercer Street and LaGuardia Place	6	Weekday AM	0.2	69.8	MARGINALLY ACCEPTABLE	70.0	MARGINALLY ACCEPTABLE	0.1	70.0	70.1	MARGINALLY UNACCEPTABLE	45	28
		Weekday MD	0.1	67.5	MARGINALLY ACCEPTABLE	67.6	MARGINALLY ACCEPTABLE	0.1	67.6	67.7	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.2	67.2	MARGINALLY ACCEPTABLE	67.4	MARGINALLY ACCEPTABLE	0.4	67.4	67.8	MARGINALLY ACCEPTABLE	45	NA
Mercer Street between West 3rd and Bleecker Streets	7	Weekday AM	0.3	67.6	MARGINALLY ACCEPTABLE	67.9	MARGINALLY ACCEPTABLE	0.3	67.9	68.2	MARGINALLY ACCEPTABLE	45	NA
		Weekday MD	0.2	66.6	MARGINALLY ACCEPTABLE	66.8	MARGINALLY ACCEPTABLE	0.6	66.8	67.4	MARGINALLY ACCEPTABLE	45	NA
		Weekday PM	0.3	62.9	ACCEPTABLE	63.2	ACCEPTABLE	0.4	63.2	63.6	ACCEPTABLE	45	NA
Corner of Mercer and West Houston Streets	9	Weekday AM	0.4	76.7	MARGINALLY UNACCEPTABLE	77.1	MARGINALLY UNACCEPTABLE	0.2	77.1	77.3	MARGINALLY UNACCEPTABLE	45	33
		Weekday MD	0.3	75.7	MARGINALLY UNACCEPTABLE	76.0	MARGINALLY UNACCEPTABLE	0.2	76.0	76.2	MARGINALLY UNACCEPTABLE	45	33
		Weekday PM	0.4	76.9	MARGINALLY UNACCEPTABLE	77.3	MARGINALLY UNACCEPTABLE	0.2	77.3	77.5	MARGINALLY UNACCEPTABLE	45	33

Note: Site 8 was in the courtyard of Washington Square Village. Consequently, a Noise PCE Screen is not warranted.