ARCADIS

Boring Logs

BORING No.: MW-7A

SHEET 1 OF 1

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE
W18th St MGP SCS/Con Edison	41318-0700-10000	Northeast of Gas Holder #3
ADDRESS		**ELEVATION/DATUM**
Southwest corner of 10th Ave and 19th St on the sidewalk		9.11/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**
ADT	Sean Miller	Morgan Evans
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE** / **END DATE**
CME 75	3.25" Hollow Stem Auger	8/10/2004 / 8/10/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))** / **WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	17' / 7'

WELL CONSTRUCTION	SAMPLES NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
						0.0'-0.5': CONCRETE	
				1		0.5'-5.5': Fill-Dk brown SILT, f to c SAND, tr gravel and wood fibers.	1'-2': N/O, N/S PID = 0.0 ppm max.
						2.0': Vertical wood timbers along the east side of the boring.	2'-3': N/O, N/S PID = 0.0 ppm max.
				3			3'-4': N/O, N/S PID = 0.0 ppm max.
				5			4'-5': N/O, N/S PID = 0.0 ppm max.
							5'-6': N/O, N/S PID = 0.0 ppm max.
						5.5'-7.0': Fill-Brown SILT, f SAND, tr m to c sand and gravel.	6'-7': N/O, N/S PID = 0.0 ppm max.
				7		Sample collected: W18STMGP-MW7A-67	
			3			7.0'-9.0': No Recovery.	7'-9': Tr non-MGP related odor, N/S PID = 1.3 ppm max.
	1	0.0'	1				
			2				
			1	9			
			1			9.0'-15.5': Fill-Brown and reddish brown f to c SAND, some silt and tr gravel.	9'-11': Non-MGP related odor, N/S PID = 0.4 ppm max.
	2	0.1'	4				
			8				
			5				
			1	11			11'-13': Non-MGP related odor, N/S PID = Not Available (N/A)
	3	0.1'	1				
			2				
			2				
			1	13			13'-15': Non-MGP related odor, N/S PID = N/A
	4	0.0'	1				
			3				
			5				
			5	15			15'-17': Non-MGP related odor, N/S PID = N/A
	5	0.2'	2				
			4				
			5				
			3	17			
						Well set at 16.5' bgs. E.O.B. at 17' bgs Screen interval from 16.0' to 6.0' bgs with a 0.5' sump.	

Sand
Bentonite Chips
Concete
Well Screen

TRC

BORING No.: SB-07

SHEET 1 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE
W18th St MGP SCS/Con Edison	41318-0700-10000	Northeast of Gas Holder #3
ADDRESS		**ELEVATION/DATUM**
Southwest corner of 19th St and 10th Ave on the sidewalk		9.16/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**
ADT	Sean Miller	Jessica Elliott
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE** / **END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/9/2004 / 8/9/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))** / **WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45.5' / 7'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining N/O = No odors)
						0.0'-0.5': CONCRETE	
				1		0.5'-5.5': Fill-Dk brown SILT, f to c SAND, tr gravel and wood fibers.	1'-2': N/O, N/S PID = 0.0 ppm max.
						2.0': Vertical wood timbers along the east side of the boring.	2'-3': N/O, N/S PID = 0.0 ppm max.
				3			3'-4': N/O, N/S PID = 0.0 ppm max.
							4'-5': N/O, N/S PID = 0.0 ppm max.
				5			5'-6': N/O, N/S PID = 0.0 ppm max.
						5.5'-7.0': Fill-Brown SILT, f SAND, tr m to c sand and gravel.	6'-7': N/O, N/S PID = 0.0 ppm max.
				7	▼	Sample collected: W18STMGP-MW7A-67	
			2			7.0'-9.0': No Recovery.	7'-9': N/O, N/S
	1	0.0'	2				PID = 0.0 ppm max.
			2				
			2				
			1	9		9.0'-15.5': Fill-Brown and reddish brown f to c SAND, some silt and tr gravel.	9'-11': N/O, N/S
	2	0.5'	1			tr interbedded reddish black silt lenses.	PID = 0.0 ppm max.
			3				
			9				
			4	11			11'-13': N/O, N/S
	3	0.05'	3				PID = 0.0 ppm max.
			3				
			3				
			3	13			13'-15': N/O, N/S
	4	0.05'	3				PID = 0.0 ppm max.
			3				
			10				
			28	15			15'-17': N/O, N/S
	5	0.5'	15				PID = 0.0 ppm max.
			11				
			19				
			14	17		17.0'-19.3': Fill-Brown c SAND and GRAVEL, some m sand, tr f sand and silt	17'-19': N/O, N/S
	6	0.4'	22			and brick fragments.	PID = 0.0 ppm max.

TRC

BORING No.: SB-07

BORING LOG

SHEET 2 OF 3

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE
W18th St MGP SCS/Con Edison	41318-0700-10000	Northeast of Gas Holder #3
ADDRESS		**ELEVATION/DATUM**
Southwest corner of 19th St and 10th Ave on the sidewalk		9.16/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**
ADT	Sean Miller	Jessica Elliott
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE** / **END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/9/2004 / 8/9/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))** / **WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45.5' / 7'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining, N/O = No odors)
			15			Sample collected: W18STMGP-B07-1719	
			19				
			5	19			19'-21': Sl MGP-related odor, N/S
	7	0.3'	12				PID = 0.0 ppm max.
			14				
			19				
			20	21		21.0'-33.4': Fill-Brown m SAND, tr c sand and silt.	21'-23': Sl MGP-related odor, N/S
	8	0.5'	50/2				PID = 0.4 ppm max.
			9	23			23'-25': Sl MGP-related odor, N/S
	9	0.6'	12				PID = 3.7 ppm max.
			13				
			16				
			5	25			25'-27': Sl MGP-related odor, N/S
	10	1.0'	9				PID = 0.4 ppm max.
			16				
			14				
			12	27		Sample collected: W18STMGP-B07-2729	27'-29': Sl MGP-related odor, N/S
	11	1.2'	19				PID = 0.3 ppm max.
			22				
			25				
			14	29			29'-31': Sl MGP-related odor, N/S
	12	1.75'	12				PID = 0.0 ppm max.
			9				
			11				
			2	31		31.0'-30.7': Brick fragments present in spoon.	31'-33': Sl MGP-related odor, N/S
	13	0.7'	5				PID = 0.0 ppm max.
			12				
			10				
			22	33			33'-35': Sl MGP-related odor, N/S
	14	0.4'	14			33.4'-41.0': ML-Reddish brown SILT and some v f to f sand.	PID = 0.0 ppm max.
			15				
			19				
			31	35			35'-37': N/O, N/S
	15	1.0'	50				PID = 0.0 ppm max.

TRC

BORING No.: SB-07

SHEET 3 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Northeast of Gas Holder #3	
ADDRESS		**ELEVATION/DATUM**	
Southwest corner of 19th St and 10th Ave on the sidewalk		9.16/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/9/2004	8/9/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45.5'	7'

WELL CONSTRUCTION	SAMPLES: NUMBER	SAMPLES: RECOVERY IN FEET	SAMPLES: BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining, N/O = No odors)
			50/2				
				37			
			85				37'-39': N/O, N/S
	16	1.0'	85/2				PID = 0.0 ppm max.
				39			
			24				39'-41': N/O, N/S
	17	1.0'	35				PID = 0.0 ppm max.
			50/2				
				41			
			6			41.0'-45.5': ML-Reddish brown v f SAND and some silt.	41'-43': N/O, N/S
	18	0.5'	20				PID = 0.0 ppm max.
			50/3				
				43			
			6			Sample collected: W18STMGP-B07-4345	43'-45': N/O, N/S
	19	0.5'	20				PID = 0.0 ppm max.
			50/3				
				45			
			50/0			45.5': Refusal (believed to be Bedrock-Schist)	
						E.O.B. at 45.5' bgs (Refusal at Bedrock)	
				47			
				49			
				51			
				53			

TRC

BORING No.: SB-08

SHEET 1 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	East of Gas Holders #3 and #4	
ADDRESS		**ELEVATION/DATUM**	
10th Avenue western sidewalk between 18th and 19th St		9.97/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Morgan Evans	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/11/2004	8/11/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45'	7.5'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
						0.0'-0.5': CONCRETE	
				1		0.5'-5.0': Fill-Grayish brown SILT, f to c SAND, rounded GRAVEL and pieces of glass.	1'-2': Strong petroleum odor, N/S, sheen PID = 406 ppm max.
							2'-3': Strong petroleum odor, N/S, sheen PID = 97.1 ppm max.
				3			3'-4': Strong petroleum odor, N/S, sheen PID = 96.8 ppm max.
							4'-5': Strong petroleum odor, N/S, sheen PID = 98.6 ppm max.
				5		Sample collected: W18STMGP-B08-45	
						5.0'-9.0': Fill-Grayish brown SILT, f to c SAND and ltl to tr gravel and cobbles.	5'-6': Strong petroleum odor, N/S, sheen PID = 238 ppm max.
				7			
			8				7'-9': Petroleum odor, N/S
	1	0.6'	4		▼		PID = 26.5 ppm max.
			3				
			3				
			3	9		9.0'-13.0': Fill-Grayish brown SILT, f to c SAND and ltl to tr gravel, cobbles and tr interbedded reddish black silt lenses.	9'-11': Petroleum odor, N/S PID = 34.7 ppm max.
	2	0.2'	4				
			12				
			8				
			8	11		Sample collected: W18STMGP-B08-11.011.5	11'-13': Petroleum odor, N/S
	3	0.2'	6				PID = 61.2 ppm max.
			7				
			7				
			11	13		13.0'-17.5': Fill-Blackish gray SILT and f to m SAND	13'-15': Sl petroleum odor, tr sheen, N/S
	4	0.8'	6				PID = 2.4 ppm max.
			4				
			3			Sample collected: W18STMGP-B08-14.515.0	
			7	15			15'-17': N/O, N/S
	5	0.2'	12				PID = 0.0 ppm max.
			24				
			17				
			7	17			17'-19': N/O, N/S
	6	1.3'	12			17.5'- 23.1': Fill-Reddish brown vf to m SAND, some SILT and tr f gravel.	PID = 0.0 ppm max.

TRC

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE
W18th St MGP SCS/Con Edison	41318-0700-10000	East of Gas Holders #3 and #4
ADDRESS		**ELEVATION/DATUM**
10th Avenue western sidewalk between 18th and 19th St		9.97/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**
ADT	Sean Miller	Morgan Evans
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE** / **END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/11/2004 / 8/11/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))** / **WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45' / 7.5'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
			6				
			9	19			
			3				19'-21': N/O, N/S
	7	1.2'	2				PID = 0.0 ppm max.
			3				
			6	21			
			3				21'-23': N/O, N/S
	8	1.5'	8				PID = 0.4 ppm max.
			5				
			11	23			
			2			23.1'-33.0': SM-Reddish brown SILT and some vf to m sand.	23'-25': N/O, N/S
	9	1.4'	4				PID = 3.7 ppm max.
			6				
			10	25			
			5				25'-27': N/O, N/S
	10	1.0'	5				PID = 0.4 ppm max.
			11				
			10	27			
			4				27'-29': N/O, N/S
	11	1.7'	9				PID = 2.1 ppm max.
			8				
			18	29			
							29'-31': N/O, N/S
	12	1.7'					PID = 0.0 ppm max.
			5	31			
							31'-33': N/O, N/S
	13	1.6'	5				PID = 0.0 ppm max.
			9				
			22				
			16	33		33.0'-34.8': SW-SAND grading from f to c and some silt	33'-35': N/O, N/S
	14	1.4'	25				PID = 0.0 ppm max.
			50/1				
						34.8'-45.0': Refusal (believed to be Bedrock-Schist)	
			50/0	35			35'-37': N/O, N/S
	15	0.0'					PID = 0.0 ppm max.

TRC

BORING No.: SB-08

SHEET 3 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	East of Gas Holders #3 and #4	
ADDRESS		**ELEVATION/DATUM**	
10th Avenue western sidewalk between 18th and 19th St		9.97/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Morgan Evans	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	8/11/2004	8/11/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	45'	7.5'

WELL CONSTRUCTION	SAMPLES: NUMBER	SAMPLES: RECOVERY IN FEET	SAMPLES: BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS	REMARKS
						f - fine m - medium c - coarse lt - light dk - dark tr - trace ltl - little sl - slight	(PID, STAINING, ODORS, ETC.) N/S = No Staining N/O = No odors
				37			
			9				37'-39': N/O, N/S
	16	1.6'	50/1				PID = 0.0 ppm max.
				39			
			50/2				39'-41': N/O, N/S
	17	0.8'					PID = 0.0 ppm max.
				41			
							41'-43': N/O, N/S
	18	0.9'					PID = 0.0 ppm max.
				43			
							43'-45': N/O, N/S
	19	0.9'					PID = 0.0 ppm max.
				45		E.O.B. at 45' bgs.	
				47			
				49			
				51			
				53			

TRC

BORING No.: SB-09

SHEET 1 OF 2

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Inside the center of Gas Holder #3	
ADDRESS			**ELEVATION/DATUM**
Northern end of the outside section of the 10th Ave parking lot between 18th and 19th St			12.40/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Doug Martin	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	34'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining N/O = No odors)
						0.0'-0.5': ASPHALT	
				1		0.5'-3.0': Fill-Black f to c SAND and f GRAVEL.	1'-2': Sl petroleum odor, N/S PID = 50 ppm max.
				3		3.0'-6.0': Fill-Dk brown f to m SAND and f to m GRAVEL.	2'-3': Sl petroleum odor, N/S PID = 286 ppm max. 3'-4': Sl petroleum odor, N/S PID = 96 ppm max.
				5		Sample collected: W18STMGP-B09-4	4'-5': Sl petroleum odor, N/S PID = 460 ppm max. 5'-6': Sl petroleum odor, N/S PID = 16 ppm max.
	1	0.8'	8 6 7 6	7		6.0'-8.2': Fill-M gray grading to reddish tan f to m SAND, some silt, tr sand, mica and wood fibers.	6'-8': N/O, N/S PID = 0.0 ppm max.
	2	0.5'	7 4 5	9	▼	8.2'-10.0': Fill-Dk grayish brown SILT and f SAND. Sample collected: W18STMGP-B09-810	8'-10': Sl petroleum odor, N/S PID = 0.0 ppm max.
	3	0.5'	9 8 4 3	11		10.0'-16.0': Fill-M gray f to c SAND, SILT and tr f gravel.	10'-12': N/O, N/S PID = 0.0 ppm max.
	4	0.6'	2 2 3 3	13			12'-14': N/O, N/S PID = 0.0 ppm max.
	5	0.6'	3 1 2 3	15			14'-16': N/O, N/S PID = 0.0 ppm max.
	6	0.5'	4 6 18 10	17		16.0'-18.0': Fill-M gray f SAND, SILT, GRAVEL and c gravel and rock fragments in shoe.	16'-18': N/O, N/S PID = 0.0 ppm max.
			12				

TRC

BORING No.: SB-09

BORING LOG

SHEET 2 OF 2

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Inside the center of Gas Holder #3	
ADDRESS			**ELEVATION/DATUM**
Northern end of the outside section of the 10th Ave parking lot between 18th and 19th St			12.40/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Doug Martin	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	34'	9'

WELL CONSTRUCTION	SAMPLES NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining N/O = No odors)
			50/3			18.0'-20.2': Fill-Dk gray f to c SAND, some silt and tr gravel.	
	8	0.3'		19			
							20'-22': N/O, N/S,
			14			20.2'-20.3': Block of weathered tan m to c SAND.	PID = 0.0 ppm max.
	9	0.7'	50/3	21		20.3'-22.0': SW-M brown f to c SAND and SILT.	PID (headspace) = 750 ppm max.
						Sample collected: W18STMGP-B09-2022	
							22'-24': Sl MGP-related odor, N/S
			14			22.0'-24.0': SP-Olive f SAND, ltl silt, tr c gravel and large rock fragment in shoe.	PID = 0.0 ppm max.
	10	0.7'	20	23			PID (headspace) = 21.7 ppm max.
			50/0				
							24'-26': Sl MGP-related odor, N/S
			8			24.0'-28.2': SP-Reddish brown m to c SAND, ltl silt and tr gravel.	PID = 0.0 ppm max.
	11	0.6'	20	25			PID (headspace) = 28.0 ppm max.
			14				
			30				26'-28': Sl MGP-related odor from outside of spoon, N/S
			8				PID = 0.0 ppm max.
	12	1.1	8	27			PID (headspace) = 85 ppm max.
			10				
			12			Sample collected: W18STMGP-B09-2628	28'-30': Sl MGP-related odor from outside of spoon, N/S
			6			28.2'-32.3': ML-Reddish brown silty CLAY and tr rounded gravel.	PID = 0.0 ppm max.
	13	0.6'	8	29			PID (headspace) = 100 ppm max.
			6				
			9				30'-32': N/O, N/S
			9				PID = 0.0 ppm max.
	14	0.1'	18	31			Not enough for headspace reading
			20				
			30				32'-34': N/O, N/S
			8			32.3'- 34.0': SW-M brown f to c SAND and tr mica flecks.	PID = 0.0 ppm max.
	15	1.5'	12	33			PID (headspace) = 2.9 ppm max.
			10			Sample collected: W18STMGP-B09-3234	
			13				
						E.O.B. at 34' bgs.	
				35			

TRC

BORING No.: SB-10

SHEET 1 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Inside the center of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.87/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Doug Martin	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining N/O = No odors)
						0.0'-0.5': ASPHALT	
				1		0.5'-3.0': Fill-Black f to c SAND and f GRAVEL.	1'-2': Petroleum odor, N/S PID = 120 ppm max.
							2'-3': Petroleum odor, N/S PID = 390 ppm max.
				3			3'-4': Petroleum odor, N/S
						3.0'-11.0': Fill-Brown f to c SAND, some silt and gravel and chunks of rock.	PID = 2,386 ppm max.
							4'-5': Petroleum odor, N/S PID = 2,862 ppm max.
				5			5'-6': Petroleum odor, N/S
						Sample collected: W18STMGP-B10-5	PID = 2,806 ppm max.
			9				6'-8': Strong gasoline/fuel oil odor, N/S
	1	1.1'	7	7			PID = 1,200 ppm max.
			6				
			6				
			4				8'-10': Strong gasoline/fuel oil odor, N/S, visible brown product from 8.4'-8.8'
	2	0.8'	2	9	▼		
			5				PID = 1,100 ppm max.
			5				
			3			10.5'-10.6': Blue silt on both sides of the spoon seam.	10'-12': Sl petroleum odor, N/S
	3	1.0'	3	11			PID = 3.0 ppm max.
			6				
			10				
			7			12.0'-14.0': Fill-Dk grayish brown f SAND and some silt.	12'-14': Sl petroleum odor, N/S
	4	0.7'	9	13			PID = 0.0 ppm max.
			8				
			14				
			2			14.0'-14.5': Fill-M brown silty CLAY grading to olive black SILT and f SAND.	14'-16': N/O, N/S
	5	0.7'	3	15		14.5': Holder bottom: Red weathered brick fragments and large brick and concrete chunks in spoon.	PID = 10.0 ppm max.
			5				
			7				
			7			16.0'-18.0': Fill-Gray to black f to m SAND and some silt. Bands of blue SILT and ltl clay from 16.6'-16.7'.	16'-18': N/O, N/S
	6	0.7	14	17			PID = 0.0 ppm max.
			50/0				

TRC

BORING No.: SB-10

BORING LOG

SHEET 2 OF 3

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Inside the center of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.87/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Doug Martin	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
						18.0'-20.0': No Sample due to an obstruction that was augered through.	
				19			
							20'-22': Sl napthalene odor, N/S
			20			20.0'-24.0': SM-Reddish brown f to m SAND and ltl to tr silt (increasing with depth)	PID = 5.7 ppm max.
	8	0.5'	35	21		Sample collected: W18STMGP-B10-2022	
			50/.2				
							22'-24': Sl napthalene odor from 22.0'-22.5', N/S
			21				
	9	1.1'	25	23			PID = 4.0 ppm max.
			31				
			20				24'-26': Sl napthalene odor, N/S
			19			24.0'-24.5': ML-Reddish brown silty CLAY.	PID = 0.0 ppm max.
	10	1.0'	27	25		24.5'-30.6': SW-Reddish brown f to c SAND, some silt and tr rock fragments.	
			26				
			31				26'-28': Sl napthalene odor, N/S
			12				PID = 0.4 ppm max.
	11	0.8'	19	27			
			27				
			27				28'-30': Sl napthalene odor, N/S
			9				PID = 0.0 ppm max.
	12	0.5'	11	29			
			16				
			21				30'-32': Sl napthalene odor, N/S
			9				PID = 0.0 ppm max.
	13	1.3'	10	31		30.6'-31.3': GW-F to c SAND, GRAVEL and tr silt.	
			14				
			21				32'-34': Sl napthalene odor, N/S
			8			32.0'-36.5': SW-Reddish brown f to c SAND, tr silt and f gravel.	PID = 0.0 ppm max.
	14	0.8'	6	33			
			12				
			11				34'-36': N/O, N/S
			3				PID = 0.0 ppm max.
	15	0.1'	5	35			
			9				
			7				

TRC

BORING No.: SB-10

SHEET 3 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Inside the center of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.87/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Sean Miller	Doug Martin	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Mobile B-61	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining, N/O = No odors)
			17				36'-38': N/O, N/S
	16	0.5'	50/0.3	37			PID = 0.0 ppm max.
							38'-40': N/O, N/S
			5			38.0'-48.6': SM-Reddish brown SILT, some f sand and tr mica flecks.	PID = 0.0 ppm max.
	17	1.2'	5	39			
			5				40'-42': N/O, N/S
			4				PID = 0.0 ppm max.
	18	1.0'	5	41			
			21				42'-44': N/O, N/S
			16				PID = 0.0 ppm max.
	19	1.4'	14	43			
			11				44'-46': N/O, N/S
			16			44.0': Ltl clay in spoon.	PID = 0.0 ppm max.
	20	1.3'	16	45			
			8				46'-48': N/O, N/S
			17				PID = 0.0 ppm max.
	21	1.2'	15	47			
			18				48'-50': N/O, N/S
			6				PID = 0.0 ppm max.
	22	1.0'	9	49		48.6'-50.0': ML-Dk tan silty CLAY with bands of f sand and silt. Weathered schist fragments in shoe.	
			11			Sample collected: W18STMGP-B10-4850	
			11			E.O.B. at 50' bgs.	
			14				
			17				
			19				
			26	51			
				53			

TRC

BORING No.: SB-11

SHEET 1 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Southwest of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.58/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	39'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining N/O = No odors)
						0.0'-0.5': ASPHALT	1'-2': Petroleum odor, N/S
				1		0.5'-1.0': Fill-F to c SAND, f GRAVEL and glass and brick fragments.	PID = 2,000 ppm max.
						1.0'-3.0': Fill-CONCRETE mixture similar to cinder blocks.	2'-3': Petroleum odor, N/S
							PID = 250 ppm max.
							3'-4': Petroleum odor, N/S
				3			PID = 200 ppm max.
						3.0'-11.0': Fill-Brown f to c SAND, some silt and gravel and chunks of rock.	4'-5': Petroleum odor, N/S
							PID = 220 ppm max.
							5'-6': Petroleum odor, N/S
				5			PID = 160 ppm max.
			1			Sample collected: W18STMGP-B11-6	6': PID (headspace) = 2,025 ppm max.
	1	0.2'	1				5'-7': Sl petroleum odor, N/S
			1				PID = 16.0 ppm max.
			1				
			1	7		Not enough to sample	7'-9': Strong petroleum odor and black staining.
	2	0.3'	2				PID = 1,114 ppm max.
			4				
			6		▼		
			2	9		No recovery, but wood fibers in shoe.	
	3	0.0'	WOH				
			1				
			1				
			WOH/16"	11		11.0'-23.7': Fill-Gray SILT, f SAND and tr m to c sand, gravel and wood fibers and mica flecks.	11'-13': Sl organic odor, N/S
	4	0.2'					PID = 17.6 ppm max.
			2				
			2	13		13.0'-23.7': Red brick fragments and chunks present in spoon.	13'-15': Sl organic odor, N/S
	5	0.3'	6				PID = 0.0 ppm max.
			3			Sample collected: W18STMGP-B11-1315	
			1				
			WOH/12"	15		15.0'-17.0': Pockets of green and blue silt.	15'-17': Sl organic odor, N/S
	6	0.4'					PID = 0.0 ppm max.
			2				
			1				
			4	17			17'-19': N/O, N/S
	7	2.0'	6				PID = 0.0 ppm max.

TRC

BORING No.: SB-11

SHEET 2 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Southwest of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.58/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	39'	9'

WELL	CONSTRUCTION	SAMPLES NUMBER	SAMPLES RECOVERY IN FEET	SAMPLES BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining, N/O = No odors)
				10				
				12				
				5	19			19'-21': N/O, N/S
		8	2.0'	10				PID = 0.4 ppm max.
				12				
				3				
				WOH/12"	21			21'-23': Sl MGP-related odor, N/S
		9	1.6'					PID = 10.9 ppm max.
				3				
				3				
				42	23			23'-25': Strong MGP-related odor, black staining, visible sheen and Oil-Like Material (OLM).
		10	2.0'	15			23.7'-28': Fill-Brown SILT, f SAND, some m sand, brick fragments and wood fibers. 1" pockets of c SAND throughout interval from 23.7'-28'.	PID = 962 ppm max.
				10				
				15				
				20	25			25'-27': MGP-related odor, black staining, visible sheen, OLM and Tar-Like Material (TLM).
		11	2.0'	12				PID = 376 ppm max.
				7				
				8				
				8	27			27'-29': MGP-related odor, black staining, visible sheen, OLM and TLM.
		12	2.0'	12				PID = 1,036 ppm max.
				8			28.0'- 29.3': Fill-Brown SILT, f SAND, pockets of silty clay and wood fibers.	
				14			Sample collected: W18STMGP-B11-2729	
				11	29		29.3'-31.0': ML-Brown silty CLAY with pockets of f to c sand.	29'-31': Sl MGP-related odor, N/S
		13	1.7'	9				PID = 48.9 ppm max.
				11				
				14				
				7	31			31'-33': Sl MGP-related odor, N/S
		14	1.8'	7				PID = 20.8 ppm max.
				14				
				18				
					33		31.0'-35.0': Could not collect a true sample due to heaving sands in the augers.	
							35.0'-35.5': ML-Brown silty CLAY	
				2	35		Sample collected: W18STMGP-B11-3537	35'-37': N/O, N/S
		15	0.5'	2				PID = 0.0 ppm max.

TRC

BORING No.: SB-11

SHEET 3 OF 3

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	Southwest of Gas Holder #4	
ADDRESS			**ELEVATION/DATUM**
Southern end of the outside section of the 10th Ave parking lot between 18th and 19th St			11.58/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	3.25" Hollow Stem Auger	9/18/2004	9/18/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	39'	9'

WELL CONSTRUCTION	SAMPLES: NUMBER	SAMPLES: RECOVERY IN FEET	SAMPLES: BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
			5				
			10	37		37.0'-38.0': SP-Reddish brown f to m SAND and tr silt.	37'-39': N/O, N/S
			4			Sample collected: W18STMGP-B11-3739	
	16	1.0'	6				PID = 0.0 ppm max.
			8				
			6	39		E.O.B. at 39' bgs.	
				41			
				43			
				45			
				47			
				49			
				51			
				53			

TRC

BORING No.: MW-12A

BORING LOG

SHEET 1 OF 1

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS		**ELEVATION/DATUM**	**ELEVATION/DATUM**
In the eastern section of the covered garage on 10th Ave between 18th and 19th St.			8.81/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Mike Burke	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	4.25" Hollow Stem Auger	9/11/2004	9/11/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	17'	9.6'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining N/O = No odors)
						0.0'-0.5': CONCRETE and rebar.	
				1		0.5'-7.5': Mostly red bricks with some brown f to c SAND and concrete.	1'-2': N/O, N/S PID = 0.0 ppm max.
				3			2'-3': N/O, N/S PID = 0.0 ppm max. 3'-4': N/O, N/S PID = 0.0 ppm max.
				5			4'-5': N/O, N/S PID = 0.0 ppm max.
			20			Sample collected: W18STMGP-B12-57	5'-7': N/O, N/S
	1	0.75'	13				PID = 0.0 ppm max.
			1				
			5	7			
			14				7'-9': N/O, N/S
	2	0.5'	12			7.5'-9.3': Fill-Dk brownish gray and red c SAND and some f gravel.	PID = 0.2 ppm max.
			9				
			10				
			10	9	▼	9.3'-15.2': Fill-Dk grayish frown f SAND and some silt and m sand.	9'-11': N/O, N/S
	3	0.3'	2				PID = 0.0 ppm max.
			3				
			5				
			4	11			11'-13': N/O, N/S
	4	1.1'	1				PID = 0.0 ppm max.
			1				
			3				
			4	13			13'-15': N/O, N/S
	5	1.3'	6				PID = 1.7 ppm max.
			5				
			3				
			5	15		15.2'-21.0': Fill-Gray f SAND and SILT grading to gray SILT and ltl f sand.	15'-17': N/O, N/S
	6	1.0'	12				PID = 1.9 ppm max.
			8				
			5				
			2	17		Well set at 17' bgs.	
		0.2'	1			Screen interval from 17.0' to 7.0' bgs.	

Sand
Bentonite Chips
Concete
Well Screen

TRC

BORING No.: SB-12/MW-12B

BORING LOG

SHEET 1 OF 3

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS			**ELEVATION/DATUM**
In the eastern section of the covered garage on 10th Ave between 18th and 19th St.			8.80/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Mike Burke/Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	4.25"/3.25" Hollow Stem Auger	9/11/2004	9/12/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50.75'	9.6'

WELL	CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining N/O = No odors)
							0.0'-0.5': CONCRETE and rebar.	
							0.5'-7.5': Mostly red bricks with some brown f to c SAND and concrete.	
					1			1'-2': N/O, N/S
								PID = 0.0 ppm max.
								2'-3': N/O, N/S
					3			PID = 0.0 ppm max.
								3'-4': N/O, N/S
								PID = 0.0 ppm max.
								4'-5': N/O, N/S
					5			PID = 0.0 ppm max.
				20			Sample collected: W18STMGP-B12-57	5'-7': N/O, N/S
		1	0.75'	13				PID = 0.0 ppm max.
				1				
				5	7			
				14				7'-9': N/O, N/S
		2	0.5'	12			7.5'-9.3': Fill-Dk brownish gray and red c SAND and some f gravel.	PID = 0.2 ppm max.
				9			Sample collected: W18STMGP-B12-79	
				10				
				10	9	▼	9.3'-15.2': Fill-Dk grayish frown f SAND and some silt and m sand.	9'-11': N/O, N/S
		3	0.3'	2				PID = 0.0 ppm max.
				3				
				5				
				4	11			11'-13': N/O, N/S
		4	1.1'	1				PID = 0.0 ppm max.
				1				
				3				
				4	13			13'-15': N/O, N/S
		5	1.3'	6				PID = 1.7 ppm max.
				5				
				3				
				5	15		15.2'-21.0': Fill-Gray f SAND and SILT grading to gray SILT and ltl f sand.	15'-17': N/O, N/S
		6	1.0'	12				PID = 1.9 ppm max.
				8			Sample collected: W18STMGP-B12-1517	
				5				
				2	17			
		7	0.2'	1				

Sand
Bentonite Chips
Concete
Well Screen

TRC

BORING LOG

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS			**ELEVATION/DATUM**
In the eastern section of the covered garage on 10th Ave between 18th and 19th St.			8.80/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Mike Burke/Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	4.25"/3.25" Hollow Stem Auger	9/11/2004	9/12/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50.75'	9.6'

WELL	CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
				2				17'-19': N/O, N/S
				2				PID = 1.7 ppm max.
				2	19			19'-21': N/O, N/S
		8	1.8'	1				PID = 1.9 ppm max.
				1				
				3				
				WOH	21		21.0'-29.9': ML-Dk gray CLAY, tr f sand and shell fragments.	21'-23': N/O, N/S
		9	2.0'	WOH				PID = 2.0 ppm max.
				WOH			0.0'-23.0': 4" steel casing set, grouted and allowed to set overnight before continuing to drill deeper with 3.25" HSA.	
				2				
				2	23			23'-25': N/O, N/S
		10	0.1'	1				PID = 0.0 ppm max.
				1				
				2				
				4	25			25'-27': N/O, N/S
		11	0.75'	4				PID = 0.0 ppm max.
				8				
				12				
				22	27			27'-29': N/O, N/S
		12	1.2'	16				PID = 0.0 ppm max.
				18				
				9				
				6	29			29'-31': N/O, N/S
		13	1.0'	6				PID = 0.0 ppm max.
				11				
				9				
				WOH	31		31.0'-33.5': SP-Brownish gray f SAND, tr silt, m to c sand and shell fragments.	31'-33': N/O, N/S
		14	1.1'	1				PID = 0.0 ppm max.
				10			32.0'-32.1': GP-F rounded GRAVEL and c SAND.	
				10				
				3	33			33'-35': N/O, N/S
		15	1.5'	3				PID = 0.0 ppm max.
				4				
				5				
				14	35		35.0'-37.0': ML-Dk gray silty CLAY and tr f sand grading to dk brown SILT, tr f sand and clay.	
		16	1.9'	10				

Sand
Bentonite Chips
Concete
Well Screen

TRC

BORING No.: SB-12/MW-12B

BORING LOG

SHEET 3 OF 3

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS			**ELEVATION/DATUM**
In the eastern section of the covered garage on 10th Ave between 18th and 19th St.			8.80/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Mike Burke/Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	4.25"/3.25" Hollow Stem Auger	9/11/2004	9/12/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	50.75'	9.6'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.; N/S = No Staining, N/O = No odors)
			13				35'-37': N/O, N/S
			6				PID = 0.0 ppm max.
			6	37		37.0'-44.7': SW-Brown f to m SAND, some c sand and silt, tr f rounded gravel and sm pockets of silty clay.	37'-39': N/O, N/S
	17	2.0'	8				PID = 0.0 ppm max.
			10				
			12				
			10	39			39'-41': N/O, N/S
	18	2.0'	13				PID = 0.0 ppm max.
			15				
			14				
			4	41			41'-43': N/O, N/S
	19	2.0'	4				PID = 0.0 ppm max.
			7				
			10				
			12	43			43'-45': N/O, N/S
	20	2.0'	8				PID = 0.0 ppm max.
			13				
			12			44.7'-50.5': SW-Red f to c SAND, tr silt and gravel.	
			14	45			45'-47': N/O, N/S
	21	2.0'	12				PID = 0.0 ppm max.
			16				
			16				
				47			47'-49': N/O, N/S
	22	1.75'	19				PID = 0.0 ppm max.
			26				
			27				
			6	49			49'-51': N/O, N/S
	23	1.75'	16				PID = 0.0 ppm max.
			24				
			14				
				51		E.O.B. at 50.75' bgs.	
						Well set at 49' bgs.	
				53		Screen Interval from 47.0' to 37.0' bgs with a 2' sump from 49.0' to 37.0' bgs.	

Sand
Bentonite Chips
Concete
Well Screen

TRC

BORING No.: SB-14A

BORING LOG

SHEET 1 OF 2

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS			**ELEVATION/DATUM**
In the western section of the covered garage on 10th Ave between 18th and 19th St.			8.90/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	3.25" Hollow Stem Auger	10/3/2004	10/3/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	25'	11'

WELL CONSTRUCTION	SAMPLES: NUMBER	SAMPLES: RECOVERY IN FEET	SAMPLES: BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine m - medium c - coarse; lt - light dk - dark tr - trace ltl - little sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining N/O = No odors)
						0.0'-0.5': CONCRETE and rebar.	
				1		0.5'-2.0': Fill-Black SILT, f to c SAND and some gravel.	1'-2': Solvent-like odor, N/S PID = 244 ppm max.
						2.0'-11.0': Fill-Dk brown SILT, f to m SAND, some c sand and gravel, tr wood fibers, cobbles and boulders.	2'-3': Solvent-like odor, N/S PID = 97.1 ppm max.
				3		Fingerprint sample collected: W18STMGP-B14A-34	3'-4': Solvent-like odor, N/S PID = 96.8 ppm max.
							4'-5': Solvent-like odor, N/S
				5		Sample collected: W18STMGP-B14-45	PID = 98.6 ppm max.
							5'-6': Solvent-like odor, N/S PID = N/A
							6'-7': N/O, N/S PID = 0.0 ppm max.
			4	7			7'-9': Sl petroleum odor, N/S
	1	0.5'	10				PID = 135 ppm max.
			14				
			16				
			8	9			9'-11': Sl petroleum odor, N/S
	2	0.7'	14				PID = 39.9 ppm max.
			6				
			9		▼		
			1	11		11.0'-19.0': Fill-Brown f to c SAND, tr silt, gravel and wood fibers.	11'-13': Sl petroleum odor, N/S
	3	1.0'	1				PID = 2.6 ppm max.
			1			Sample collected: W18STMGP-B14A-1113	
			1				
			3	13			13'-15': Sl petroleum odor, N/S
	4	2.0'	6				PID = 0.0 ppm max.
			5				
			8				
			8	15			15'-17': Sl petroleum odor, N/S
	5	2.0'	6				PID = 2.1 ppm max.
			3				
			1				
			1	17		Sample collected: W18STMGP-B14A-1719	17'-19': Sl petroluem odor, N/S
	6	2.0'	1				PID = 2.3 ppm max.

TRC

BORING No.: SB-14A

BORING LOG

SHEET 2 OF 2

JOB NAME/ CLIENT	PROJECT NO.	AREA OF SITE	
W18th St MGP SCS/Con Edison	41318-0700-10000	West of Gas Holders #3 and #4	
ADDRESS			**ELEVATION/DATUM**
In the western section of the covered garage on 10th Ave between 18th and 19th St.			8.90/NAVD 88
DRILLING CONTRACTOR	**DRILLER**	**TRC INSPECTOR**	
ADT	Tony Palomeque	Jessica Elliott	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
CME-LC60	3.25" Hollow Stem Auger	10/3/2004	10/3/2004
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH (feet below ground surface (ft bgs))**	**WATER LEVEL (ft bgs)**
2" Split Spoon	140 lbs./30"	25'	11'

WELL CONSTRUCTION	SAMPLES: NUMBER	RECOVERY IN FEET	BLOWS PER 6"	DEPTH	WATER	DESCRIPTION OF SOILS (f - fine, m - medium, c - coarse; lt - light, dk - dark, tr - trace, ltl - little, sl - slight)	REMARKS (PID, STAINING, ODORS, ETC.) (N/S = No Staining, N/O = No odors)
			2				
			2				
			1	19		19.0'-27.0': ML-Dk gray silty CLAY, tr f sand and shell fragments.	19'-21': N/O, N/S
	7	2.0'	1				PID = 0.0 ppm max.
			2				
			3				
			2	21			21'-23': N/O, N/S
	8	2.0'	2				PID = 0.0 ppm max.
			3				
			2				
			1	23		Sample collected: W18STMGP-B14A-2325	23'-25': N/O, N/S
	9	2.0'	2				PID = 0.0 ppm max.
			3				
			2				
				25		E.O.B. @ 25' bgs.	
				27			
				29			
				31			
				33			
				35			

TRC

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, windy, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-208

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								Utility clearance was completed from ground surface to 5' bgs. (fill)	Cement grout (0'-20' bgs)
5	1	5'-10'	0.5'	ND				Brown SILT, little fine Sand, little fine to medium subangular Gravel, wet. (fill)	
10				0.4				Brown SILT and fine Sand, soft, wet. (fill)	
				0.5				Gray CLAY, some fine Sand, little Shell fragments, trace fine Gravel, moist, very soft, plastic.	
15	2	10'-20'	10.0'	0.3					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 2'-3' bgs, 9.5'-10' bgs and 19'-20' bgs

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, windy, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-208

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				0.4					
				0.2	X				
20								End of Boring at 20' bgs.	
25									
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 2'-3' bgs, 9.5'-10' bgs and 19'-20' bgs

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-209

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								Utility clearance was completed from ground surface to 5' bgs. (fill)	Cement grout (0'-30' bgs)
5	1	5'-10'	5.0'	0.2 1.4				Light brown SILT, some fine Sand, some concrete fragments, moist. (fill) Dark gray SILT and fine to medium SAND, some fine to coarse subangular Gravel, moist.	
10	2	10'-15'	3.7'	ND 4.0 3.6				Brown SILT, some fine Sand, trace fine subrounded Gravel, wet @ 9.4' bgs.	
15				ND				Brown SILT, some fine Sand, trace Wood, moist.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9.4'-10' bgs,
11'-13' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-209

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				ND					
	3	15'-20'	5.0'	ND				Olive gray CLAY, little Silt, fine Sand and Shell fragments, plastic, soft, some fine Sand at 24'.	
				ND	X				
20				ND					
	4	20'-25'	5.0'	ND					
				ND					
				ND					
25				ND				Brown SILT, some fine to coarse Sand, wet, soft.	
	5	25'-30'	5.0'	ND					
				ND					
30								End of Boring at 30' bgs.	
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9.4'-10' bgs,
11'-13' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 12/16/06
Drilling Company: Aquifer Drilling and Testing
Driller's Name: Chris Stratton, Chris Miglione
Drilling Method: Hollow-Stem Auger
Bit Size: 3 1/4" ID
Auger Size: 4"
Rig Type: CME-55LC
Sampling Method: 3 1/4" ID

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 37.3'
Surface Elevation: NA

Geologist: Dave Mack

Boring ID: SB-210

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0											
	1	0'-1'	1.0'		NA	NA				ASPHALT and black fine to coarse GRAVEL, dry. (fill)	
	2	1'-3'	0.8'	5 9 8 9	17	0.3				Black fine to coarse SAND, some Silt and fine to coarse Gravel, dry. (fill) Coarse GRAVEL, little Silt, dry. (fill)	
	3	3'-5'	NR	NA NA NA NA	NA	NA				Gravel fill, no recovery.	
5	4	5'-7'	0.8'	24 10 5 5	15	0.3				Black fine to coarse SAND, some Silt and fine to coarse Gravel, moist. (fill)	
	5	7'-9'	0.3'	2 3 2 2	5	0.2	X				
10	6	9'-11'	0.3'	5 3 2 2	5	0.1					Portland 15% Bentonite grout (0'-37.3')
	7	11'-13'	1.0'	3 1 1 1	2	0.1	X			Black to dark brown SILT, little fine Sand, trace Clay and Organics, wet.	
	8	13'-15'	2.0'	3 1 1 1	2	0.3 0.4				Black fine to medium SAND, little Silt, trace coarse Sand, wet.	
15	9	15'-17'	1.5'	3 1 2	3	0.1				Black SILT and fine to medium SAND, wet.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
NR = No Recovery; WOR = Weight of Rods.
Soil samples taken from 7'-9' bgs, 11'-13' bgs, 21'-23' bgs, 25'-27' bgs, and 36'-37' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 12/16/06
Drilling Company: Aquifer Drilling and Testing
Driller's Name: Chris Stratton, Chris Miglione
Drilling Method: Hollow-Stem Auger
Bit Size: 3 1/4" ID
Auger Size: 4"
Rig Type: CME-55LC
Sampling Method: 3 1/4" ID

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 37.3'
Surface Elevation: NA

Geologist: Dave Mack

Boring ID: SB-210

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				2		0.2					
	10	17'-19'	0.7'	1 1 1 3	2	0.3				Black fine to medium SAND, little Silt, trace coarse Sand, wet.	
20	11	19'-21'	2.0'	1 1 2 1	3	0.6 3.8				Black to dark brown SILT, little fine Sand and Clay, trace coarse Sand, moist.	
	12	21'-23'	1.5'	8 8 10 11	18	3.8 9.2	X			White and red fine to coarse SAND, trace Silt, moist.	
	13	23'-25'	1.3'	6 5 9 13	14	3.5 0.1				White and red fine to coarse SAND, little Silt, wet. Red brown fine SAND and SILT, moist.	
25	14	25'-27'	1.0'	9 9 9 6	18	0.1	X			Red brown fine SAND, moist to wet.	Portland 15% Bentonite grout (0'-37.3')
	15	27'-29'	1.0'	5 8 8 10	16	0.1				Red brown fine SAND and SILT, moist.	
30	16	29'-31'	1.5'	5 6 8 7	14	ND 0.1					
	17	31'-33'	1.5'	6 4 4 12	8	0.1 ND					
	18	33'-35'	1.8'	WOR WOR WOR WOR	WOR	ND ND					
35				4 4		ND					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
NR = No Recovery; WOR = Weight of Rods.
Soil samples taken from 7'-9' bgs, 11'-13' bgs, 21'-23' bgs, 25'-27' bgs, and 36'-37' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 12/16/06
Drilling Company: Aquifer Drilling and Testing
Driller's Name: Chris Stratton, Chris Miglione
Drilling Method: Hollow-Stem Auger
Bit Size: 3 1/4" ID
Auger Size: 4"
Rig Type: CME-55LC
Sampling Method: 3 1/4" ID

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 37.3'
Surface Elevation: NA

Geologist: Dave Mack

Boring ID: SB-210

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	19	35'-37'	1.7'	7 8	11	ND	X				Portland 15% Bentonite grout (0'-37.3')
	20	37'-39'	0.1'	50/3	NA	ND				Red brown SANDSTONE, some Biotite, Auger refusal.	
										End of boring at 37.3' bgs.	
40											
45											
50											
55											

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
NR = No Recovery; WOR = Weight of Rods.
Soil samples taken from 7'-9' bgs, 11'-13' bgs, 21'-23' bgs, 25'-27' bgs, and 36'-37' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: David Mack

Well/Boring ID: MW(SB)-213

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
0								Utility clearance was completed from ground surface to 5' bgs. (fill)	Flush mount curb box; 2" locking J-plug; 2" schedule 40 PVC riser (0'-6' bgs); Bentonite seal (1'-4' bgs)
5	1	5'-10'	5.0'	1.7 - 5.3	X			Brown fine to coarse SAND, some Silt, little fine Gravel, moist. (fill)	#1 Silica sand pack (4'-16' bgs)
								Brown fine SAND and SILT, little medium to coarse Sand, trace Clay, moist. (fill)	
								Brown fine to coarse SAND, some Silt and fine Gravel, moist, wet at 8'-9' bgs.	2" schedule 40 PVC; 0.010" slot screen (6'-16' bgs)
10								Brown coarse GRAVEL, some fine to coarse Sand and Silt, wet.	
	2	10'-15'	4.0'	3.3 1.7 1.2 ND				Brown to gray fine to coarse SAND, some fine to coarse Gravel, little silt, wet.	
15									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from at 8'-9' bgs and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: David Mack

Well/Boring ID: MW(SB)-213

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
	3	15'-20'	5.0'		X			Brown gray SILT and CLAY, trace fine Sand, moist/wet.	2" D schedule 40 PVC sump (16'-18' bgs) Bentonite seal (16'-20' bgs)
20								End of Boring at 20' bgs.	
25									
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from at 8'-9' bgs and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/21/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, windy, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-214

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								Utility clearance was completed from ground surface to 5' bgs. (fill)	Cement grout (0'-20' bgs)
5	1	5'-10'	4.5'	594 445 15.5	X			Dark gray medium to coarse SAND, some Silt, little fine subangular Gravel, strong petroleum-like odor, moist. (fill) Brown to gray fine SAND and SILT, trace fine subangular Gravel, strong petroleum-like, moist. (fill)	
10	2	10'-15'	3.7'	11.1 2.2 2.1	X			Dark brownish gray fine to medium SAND, some Silt, little fine to medium subangular Gravel, Strong petroleum-like odor, wet at 10' bgs. Dark brownish gray CLAY and SILT, little fine Sand, very soft, moist.	
15				0.8				Dark olive gray CLAY, little fine Sand and Shell fragments, plastic, very soft, moist, very slight odor.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 5'-7' bgs, 9.5'-10' bgs, 11-13' bgs and 19'-20' bgs

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/21/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, windy, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-214

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	3	15'-20'	5.0'	0.7 1.7 0.6 0.5	X				
20								End of Boring at 20' bgs.	
25									
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 5'-7' bgs, 9.5'-10' bgs, 11-13' bgs and 19'-20' bgs

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 12/16/06
Drilling Company: Aquifer Drilling and Testing
Driller's Name: Chris Stratton, Chris Miglione
Drilling Method: Hollow-Stem Auger
Bit Size: 3 1/4" ID
Auger Size: 4"
Rig Type: CME-55LC
Sampling Method: 3 1/4" ID

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 36'
Surface Elevation: NA

Geologist: Dave Mack

Boring ID: SB-215

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0											
						ND				ASPHALT	
										Light to dark brown coarse to fine SAND, some Silt and fine Gravel. (fill)	
						ND				Dark brown to black fine to coarse Gravel, some fine to coarse Sand and Silt, trace organics, moist. Faint petroleum-like odor from 2'-3' bgs. (fill)	
						5.5					
						1.5					
5						0.3					
						0.2					
	1	6'-8'	0.8'	8 5 5 3	10	0.1				Black fine to coarse SAND and GRAVEL, little Silt, dry. (fill)	
	2	8'-10'	0.5'	6 5 6 7	11	ND	X				
10	3	10'-12'	1.0'	8 9 9 4	18	ND				Brown SILT and fine to medium SAND, trace coarse Sand and fine Gravel, moist.	Portland 15% Bentonite grout (0'-36')
	4	12'-14'	1.0'	3 3 3 3	6	2.3				Dark brown to black fine to coarse SAND, little Silt and fine Gravel, moist.	
15	5	14'-16'	1.0'	9 8 8 10	16	ND	X			Red brown SILT and fine to coarse SAND, trace siltstone, wet.	
				10 11						Brown to black fine to coarse SAND, some Silt, little fine Gravel, wet.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 8'-10' bgs, 14'-16' bgs, 26'-28' bgs, 30'-32' bgs, and from 34'-36' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 12/16/06
Drilling Company: Aquifer Drilling and Testing
Driller's Name: Chris Stratton, Chris Miglione
Drilling Method: Hollow-Stem Auger
Bit Size: 3 1/4" ID
Auger Size: 4"
Rig Type: CME-55LC
Sampling Method: 3 1/4" ID

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 36'
Surface Elevation: NA

Geologist: Dave Mack

Boring ID: SB-215

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	6	16'-18'	2.0'	5 4	16	ND					
	7	18'-20'	2.0'	2 2 1 1	3	2.7 3.3				Brown to black SILT, little Clay, trace fine Sand, moist.	
20	8	20'-22'	2.0'	1 1 2 2	3	7.6 2.3					
	9	22'-24'	2.0'	2 2 2 2	4	1.0 0.7					
25	10	24'-26'	2.0'	1 1 6 14	7	1.3 2.7					Portland 15% Bentonite grout (0'-36')
	11	26'-28'	2.0'	4 6 5 12	11	9.8 1.6	X			Brown to black SILT, little fine Sand and Clay, moist. Brown fine SAND, little Silt, moist.	
	12	28'-30'	2.0'	3 7 12 10	19	1.0 1.3					
30	13	30'-32'	2.0'	6 5 8 8	13	3.1 2.0	X				
	14	32'-34'	2.0'	3 6 12 17	18	1.0 1.1				Brown SILT, some fine Sand, trace medium Sand, moist to wet.	
										White to red fine to coarse SAND, wet.	
35	15	34'-36'	2.0'	6 7 8 10	15	ND 0.1	X			Red brown fine to medium SAND, little Silt, moist. End of boring at 36' bgs.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 8'-10' bgs, 14'-16' bgs, 26'-28' bgs, 30'-32' bgs, and from 34'-36' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/16/06 - 10/17/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-219

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
0									Flush mount curb box
	1	0'-5'	4.2'	0.2				CONCRETE and SUBBASE.	2" locking J-plug
								Brown fine to coarse SAND, some fine to coarse subrounded Gravel, trace Silt. Utility clearance was completed from ground surface to 5' bgs. (fill)	#0 Silica sand pack (0.5'-2' bgs)
				ND					Bentonite seal (2'-4' bgs)
5									2" schedule 40 PVC riser (0'-6' bgs)
	2	5'-10'	4.1'	1.6	X			Similar Soils as above, moist, non-plastic, very faint, petroleum-like odor from 5.5' to 6.5' bgs. (fill)	
				0.2					
								Brown Silty fine to coarse SAND and fine to coarse subrounded GRAVEL, non-plastic.	
10									2" schedule 40 PVC; 0.010" slot screen (6'-16' bgs)
	3	10'-15'	3.0'	ND	X				#0 Silica sand pack (4'-18' bgs)
				ND					
				ND					
15								Gray to brown Silty fine to coarse SAND and fine to coarse subrounded GRAVEL, non-plastic.	
				ND					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million; NR = No Recovery.
Soil samples taken from 5.5'-6.0' bgs,
10.0'-10.5' bgs, and 32.0'-32.5' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/16/06 - 10/17/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-219

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
	4	15'-20'	4.5'	0.1 ND					#0 Silica sand pack (4'-18' bgs)
20	5	20'-25'	1.0'	0.2					Bentonite seal (18'-40' bgs)
25	6	25'-30'	NR	NA					
30	7	30'-35'	5.0'	ND ND ND	X			Brown fine to coarse SAND, some fine to coarse subrounded Gravel, trace Silt, wet, non-plastic. Dark gray to gray SILT, some Clay, wet, moderately plastic, trace shell fragments.	
35				ND					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million; NR = No Recovery.
Soil samples taken from 5.5'-6.0' bgs,
10.0'-10.5' bgs, and 32.0'-32.5' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/16/06 - 10/17/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-219

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
	8	35'-40'	3.0'	ND ND				Brown to gray SILT and fine to coarse SAND, little fine to coarse subrounded Gravel, Shell fragments, trace Clay, wet, non-plastic.	
40								End of boring at 40' bgs.	
45									
50									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million; NR = No Recovery.
Soil samples taken from 5.5'-6.0' bgs,
10.0'-10.5' bgs, and 32.0'-32.5' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/16/06 - 10/17/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30'
Surface Elevation: NA

Descriptions By: Dave Cornell

Boring ID: SB-220

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								Sidewalk CONCRETE and SUBBASE.	
	1	0'-5'	3.2'	ND				Brown fine to coarse SAND, little fine to coarse subrounded fine to medium Gravel, moist, non-plastic. Previously disturbed from hand clearing. (fill)	
5				232				Brown to gray fine to coarse SAND containing a strong degraded petroleum-like odor below 6.5' bgs, some fine to coarse subrounded Gravel, Silt and Concrete debris, moist to wet, non-plastic. (fill)	
	2	5'-10'	4.5'	1583	X				
				265				Gray fine to medium SILTY SAND, little fine to coarse subrounded Gravel, trace coarse Sand and Clay, wet, non-plastic.	
10				62				Gray fine to medium SILTY SAND, little fine to coarse subrounded Gravel, trace coarse Sand and Clay, wet, non-plastic, moderate petroleum-like odor. Increasing coarse Sand content between 10.5'-11.0' bgs.	Portland 15% Bentonite grout (0'-30')
	3	10'-15'	4.2'	12					
				80					
15				29.5				Brown to gray fine to coarse SILTY SAND and fine to coarse subrounded GRAVEL, faint odor, wet, non-plastic.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 7.5'-8.0' bgs,
and from 21.0'-21.5' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/16/06 - 10/17/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30'
Surface Elevation: NA

Descriptions By: Dave Cornell

Boring ID: SB-220

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	4	15'-20'	1.0'						
20				3.2				Brown to gray fine to coarse SILTY SAND and fine to coarse subrounded GRAVEL, faint petroleum-like odor, wet, non-plastic.	
				ND	X			Gray SILT, little to trace fine Sand and Clay, trace shell fragments, wet, slightly plastic.	
	5	20'-25'	5.0'	ND					
				ND					
25									Portland 15% Bentonite grout (0'-30')
				ND				Gray SILT, some Clay, wet, moderately plastic, trace shell fragments.	
	6	25'-30'	5.0'	ND					
				ND					
				ND					
30								End of boring at 30' bgs.	
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 7.5'-8.0' bgs,
and from 21.0'-21.5' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-221

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0	1	0'-5'	2.5'		X			Brown SILT and fine SAND. Utility clearance was completed from ground surface to 5' bgs. (fill)	Cement grout (0'-25' bgs)
5	2	5'-10'	4.0'	1.5 222 117 11.9	X X	▽		Brown SILT and fine SAND. Brick from 6'-6.2' bgs, strong petroleum-like odor. (fill) Gray fine SAND and SILT, trace fine subrounded Gravel, moist, strong petroleum-like odor, wet at 9.5' bgs.	
10	3	10'-20'	2.8'	2.2	X			Brown to gray, fine to medium SAND and SILT, little fine to medium subrounded Gravel, very loose, wet, strong petroleum-like odor.	
15									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 2'-4' bgs, 6'-8' bgs, 9.5'-10' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/20/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-221

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				1.9					
20				2.1					
				7.7				Gray CLAY, some fine Sand, little Shell fragments, trace fine subrounded Gravel, moist, very soft, plastic.	
	4	20'-25'	4.0'	30.5					
				4.8	X				
25								End of Boring at 25' bgs.	
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 2'-4' bgs, 6'-8' bgs, 9.5'-10' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/21/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-222

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0	1	0'-5'		514 217	X			Utility clearance was completed from ground surface to 5' bgs. (fill)	Portland 15% Bentonite grout (0'-20' bgs)
5	2	5'-10'	3.1'	8.6 5.1 ND	X	▽		Brown SILT, some fine to medium Sand, fine to medium subrounded Gravel, moist. (fill) Brown fine to medium SAND and fine to coarse subrounded GRAVEL, some Silt, wet.	
10	3	10'-15'	3.0'	0.8 0.4 1.1				Brown gray fine to medium SAND and fine to coarse subrounded GRAVEL, some Silt, wet.	
15				15.9	V			Dark olive gray CLAY, little fine Sand and Shell fragments, plastic, very soft, moist, very slight odor.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 1'-3' bgs, 7.5'-8.5' bgs, 15'-17' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 1/21/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Cold, sunny, 30 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: Alex Carpenter

Boring ID: SB-222

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	4	15'-20'	3.5'	50.9 5.0					
20								End of Boring at 20' bgs.	
25									
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 1'-3' bgs, 7.5'-8.5' bgs, 15'-17' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/12/06 - 10/13/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Boring ID: SB-223

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								CONCRETE, ASPHALT and SUBBASE	
	1	0'-5'	3.0'	ND				Brown Silty fine to coarse SAND, some fine to coarse subrounded Gravel, wet below 3.0' bgs. Utility clearance was completed from ground surface to 5' bgs. (fill)	
5	2	5'-10'	2.0'	ND				Brown Silty fine to coarse SAND, some fine to coarse subrounded Gravel. (fill)	
10				243				Brown Silty fine to medium SAND and fine to coarse subrounded GRAVEL, wet, non-plastic. Faint petroleum-like odor. (fill)	Portland 15% Bentonite grout (0'-40' bgs)
	3	10'-15'	4.5'	934	X			Gray to brown fine to coarse SAND and fine GRAVEL, trace Silt, wet, non-plastic. Strong petroleum-like odor. (fill)	
				22.1				Brown Silty fine to coarse SAND, little fine to coarse subrounded Gravel, wet, non-plastic. Moderate to faint petroleum-like odor.	
15				51.2					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9.4'-10' bgs,
11'-13' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/12/06 - 10/13/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Boring ID: SB-223

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				9.7				Gray SILT, little Clay, trace Shell fragments and fine Sand, moist, slightly plastic, very faint odor.	
	4	15'-20'	5.0'	32.1	X				
				39.3				Gray to brown SILT and fine to coarse SAND, little fine to coarse subrounded Gravel, trace Clay, wet, non-plastic.	
20								Brown Silty fine to medium SAND, little coarse Sand between 22.0' and 23.0' bgs, wet, non-plastic. Very faint odor below 23.0' bgs.	
				3.4					
	5	20'-25'	5.0'	7.2					
				14.7					
25								Brown Silty fine to medium SAND, trace fine subrounded Gravel, wet, non-plastic.	Portland 15% Bentonite grout (0'-40' bgs)
				12.1					
				4.2					
	6	25'-30'	3.5'					Gray Silty fine to coarse SAND and fine to coarse subrounded GRAVEL, wet, non-plastic, faint odor.	
				2.1	X			Brown Silty fine SAND, trace fine subrounded Gravel, wet, non-plastic.	
30								Brown Clayey SILT, moist, slightly-plastic, little bedding.	
				1.4					
								Brown coarse SAND, some to little fine to coarse subrounded multicolored Gravel, trace medium Sand, wet, non-plastic.	
	7	30'-35'	4.2'	ND	X				
				ND				Brown Silty fine to medium SAND, trace fine to coarse subrounded Gravel, wet, non-plastic.	
35								Brown to reddish brown Silty fine SAND, trace medium Sand, wet, non-plastic, trace bedding.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9.4'-10' bgs,
11'-13' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/12/06 - 10/13/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Greg Halliday
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 40'
Surface Elevation: NA

Descriptions By: Dave Cornell

Boring ID: SB-223

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
				ND					
	8	35'-40'	4.5'	ND					
				ND					
40								End of boring at 40' bgs.	
45									
50									
55									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9.4'-10' bgs,
11'-13' bgs, and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/11/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Scott Manning
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Showers, Lightning, 50 degrees F

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 45'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-224

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
0									Flush mount curb box
	1	0'-5'	3.0'					CONCRETE and SUBBASE	2" locking J-plug
								Brown fine to coarse SILTY SAND, some to little fine to coarse Gravel, moist, non-plastic. Utility clearance was completed from ground surface to 5' bgs. (fill)	Bentonite seal (1.5'-3' bgs)
5				ND					2" schedule 40 PVC riser (0'-5' bgs)
	2	5'-10'	4.0'	ND				Similar soils; turning gray and containing a strong petroleum odor below 8.0' bgs. Becoming wet below 8.0' bgs. (fill)	
				425					
10				633				Red to brown weathered CONCRETE or BRICK. (fill)	2" schedule 40 PVC; 0.010" slot screen (5'-15')
				162				Brown SILT and fine to coarse SAND, little fine to coarse subangular Gravel, wet, non-plastic.	
	3	10'-15'	5.0'						#0 Silica sand pack (3'-15' bgs)
				1.5				Brown to gray fine to medium SAND, little Silt and coarse Sand, trace fine to medium subrounded Gravel, wet, non-plastic.	
15				16.0					#0 Silica sand pack (15'-17' bgs)

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
MGP = manufactured gas plant.
Soil samples taken from 8.0'-8.5' bgs, 34.5'-35.0' bgs, and 37.5'-38' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/11/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Scott Manning
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Showers, Lightning, 50 degrees F

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 45'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-224

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
	4	15'-20'	5.0'	8.0				Gray fine SANDY SILT, trace Clay and Shells/Clams, some layering, moist to wet, non-plastic.	#0 Silica sand pack (15'-17' bgs)
				4.0				Brown fine to medium SAND, trace coarse Sand and fine Gravel, wet, non-plastic.	
20								Brown GRAVEL, trace Silt and fine to coarse Sand, wet, non-plastic.	Bentonite Seal (17'-45' bgs)
	5	20'-25'	3.0'	1.2				Red to brown fine to medium SILTY SAND and fine to coarse subangular to subrounded GRAVEL, wet, non-plastic. Seam of Silt and Brown Clay from 21.5' bgs to 21.8' bgs.	
				0.5					
25									
	6	25'-30'	3.5'	0.2				Brown fine to coarse SAND, little multicolored fine to coarse subrounded Gravel, trace Silt, wet, non-plastic.	
				ND					
30									
				ND				Brown medium to coarse SAND, little to some fine to coarse subrounded Gravel, wet, non-plastic.	
	7	30'-35'	5.0'	ND				Brown fine to coarse SAND, trace fine Gravel, and coarse Sand, non-plastic. Faint MGP-like odor below 33.0', black tar-like material and strong MGP-like odor below 34.5', wet, non-plastic.	
				1.0					
35				44.1	X				
				27.9				Brown fine SAND, trace Silt, with little bands of fine Sandy Silt, wet, non-plastic. No noticeable MGP-like odors below 37.5'.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
MGP = manufactured gas plant.
Soil samples taken from 8.0'-8.5' bgs, 34.5'-35.0' bgs, and 37.5'-38' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 10/11/06
Drilling Company: Boart Longyear
Driller's Name: Justin Miller, Scott Manning
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Showers, Lightning, 50 degrees F

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 45'
Surface Elevation: NA

Descriptions By: Dave Cornell

Well/Boring ID: MW(SB)-224

Draft

Client: Consolidated Edison Company of New York, Inc.

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Well/Boring Construction
40	8	35'-40'	5.0'	12.3 1.2 0.4	X			Brown fine SAND, trace Silt.	Bentonite Seal (17'-45' bgs)
45	9	40'-45'	5.0'	ND ND ND				End of boring at 45' bgs.	
50									
55									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
MGP = manufactured gas plant.
Soil samples taken from 8.0'-8.5' bgs, 34.5'-35.0' bgs, and 37.5'-38' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-254

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								CONCRETE.	
								MICA SCHIST.	
								FILL, COBBLES and SAND.	
5								Brown to black fine to coarse GRAVEL and SAND, little Silt, moist. (fill)	
	1	5'-10'	5.0'	ND	X	▽		Red-brown fine to coarse SAND, some coarse to fine Gravel and Silt, moist, wet at 8' bgs.	
								Red-brown fine to coarse SAND, some fine to coarse Gravel, wet.	
10								Gray fine to coarse GRAVEL and SAND, little Silt, wet.	Cement grout (0'-20' bgs)
	2	10'-15'	5.0'	ND				Gray fine to medium SAND and SILT, little fine to coarse Gravel and coarse Sand, wet.	
								Gray fine to coarse GRAVEL and SAND, little Silt, wet.	
15									
	3	15'-20'	5.0'	0.1					
				ND				Gray SILT and CLAY, little fine Sand and Organics, moist.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect; ppm = parts per million.
Soil samples taken from 8'-9' bgs and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 20' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-254

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
					X				Cement grout (0'-20' bgs)
20								End of Boring at 20' bgs	
25									
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect; ppm = parts per million.
Soil samples taken from 8'-9' bgs and 19'-20' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/5/07
Drilling Company: Prosonic
Driller's Name:
Drilling Method: Sonic
Sampling Method: 5' Core barrel

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David Mack

Well/Boring ID: **SB-272**

Client: Consolidated Edison of New York

Location: On northern sidewalk on West 18th Street between 10th and 11th Avenues, Chelsea, New York, New York 10011

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
								0' - .4' ASHPHALT	
								.4' - 1.5' Concrete	
		1		5/5	NA			1.5' - 3' FILL	
								3' - 3.5' FILL, Schist	
								3.5' - 5' FILL, Sand and Cobbles	
5	-5							5' - 10' well graded grey SAND, some fine Gravel, little silt, moist	Bentonite fill to grade
								6' - 7' grey coarse SAND and fine GRAVEL, some fine to medium Sand. little Silt, high PID, gasoline odor, wet.	
		2		5/5	172	X		7' - 10' grey well graded SAND, some Silt, little fine gravel, wet	
10	-10							10' - 15' brown to gray fine to coarse SAND and SILT wet	
		3		5/5	0				
15	-15							15' -16' black fine SAND and SILT, wet, MGP odor	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; TLM = Tar-like material.

grab soil samples collected at 7' - 8' and 24' - 25' bgs

Client: Consolidated Edison of New York

Well/Boring ID: SB-272

Borehole Depth: 25' bgs

Site Location:
On northern sidewalk on West 18th Street between 10th and 11th Avenues, Chelsea, New York, New York 10011

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
	4		5/5	80.4			16' - 19' black well graded SAND and SILT, little clay and wood fragments, wet, heavy MGP odor	
							19' - 20' black SILT, little Clay, little fine Sand wet, MGP odor	
20 -20							20' - 21' black well graded SAND, some medium to coarse Silt, wet, MGP odor	Bentonite fill to grade
	5		5/5	37.2	X		21' - 25' gray to brown SILT and Clay, trace fine Sand, wet	
25 -25							End of boring at 25' bgs	
30 -30								
35 -35								

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; TLM = Tar-like material.

grab soil samples collected at 7' - 8' and 24' - 25' bgs

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-273

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								CONCRETE.	
								BRICK, ROCK, and FILL MATERIAL.	
								COBBLES.	
								ROCK, SAND, and FILL MATERIAL.	
5									
	1	5'-10'	5.0'	57.3 - 881	X			Brown fine to medium SAND, some fine Gravel and coarse Sand, little Silt. Strong petroleum odor.	
10									
	2	10'-15'	3.0'	527 - 747					Cement grout (0'-30' bgs)
15						▽			
	3	15'-20'	5.0'	27.2 - 287				Gray to black fine to coarse SAND, some fine Gravel, little Silt and coarse Gravel, wet. Petroleum odor.	
								Red-brown to gray fine to medium SAND, some Silt and Clay, trace Gravel, wet. Petroleum odor.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9'-10' bgs, 24'-25' bgs and 29'-30' bgs.

Location not surveyed; final survey coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 30' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-273

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
20									
	4	20'-25'	5.0'	8.7 - 27.2	X			Red-brown to gray fine to medium SAND, little fine Gravel, wet.	Cement grout (0'-30' bgs)
25	5	25'-30'	5.0'	6.8 - 157	X			Red-brown fine SAND and SILT, little Clay, wet.	
30								End of Boring at 30' bgs	
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect; ppm = parts per million.
Soil samples taken from 9'-10' bgs, 24'-25' bgs and 29'-30' bgs.

Location not surveyed; final survey coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-1

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0									
				22.6				ASPHALT.	
								Coarse to fine GRAVEL, little coarse to fine Sand and Silt, moist. (fill)	
				10.7				Brown to gray coarse to fine SAND, some Silt, little fine Gravel. Slight petroleum odor. (fill)	
				14.8				Brown to gray coarse to fine SAND, some Silt, trace fine Gravel. Some petroleum odor. (fill)	
				51.3	X			Brown to gray coarse to fine SAND, little fine Gravel, moist. Some petroleum odor. (fill)	
				48.2					
5								Gray to brown fine to medium SAND, some fine to coarse Gravel and coarse Sand, moist. Strong petroleum odor.	
	1	5'-10'	3.0'	250 - 2157	X	▽			
10									
	2	10'-15'	5.0'	27.4 - 1200					Cement grout (0'-25' bgs)
15								Gray to brown fine to medium SAND, some fine to coarse Gravel and coarse Sand, wet. Slight petroleum odor.	

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect;
ppm = parts per million.
Soil samples taken from 3'-4' bgs, 8'-9' bgs, 19'-20' bgs and 23'-24' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-1

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	3	15'-20'	5.0'	1.7 - 98					
					X			Gray fine to coarse SAND and SILT, some coarse to fine Gravel and Brick fragments, wet. Gas holder bottom at 20' bgs.	
20									
	4	20'-25'	5.0'	ND				Brown SILT and CLAY, little fine Sand, wet.	
					X				
25								Red-brown to brown fine to coarse SAND, little Silt, wet.	
								End of Boring at 25' bgs.	
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect;
ppm = parts per million.
Soil samples taken from 3'-4' bgs, 8'-9' bgs, 19'-20' bgs and 23'-24' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-2

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								ASPHALT and CONCRETE debris.	
				ND				Brown fine SAND, some coarse to fine Gravel, moist. (fill)	
				ND					
5								Brown to black coarse to fine GRAVEL and SAND, little Silt, wet. (fill)	
	1	5'-10'	1.0'	ND					
10									
	2	10'-15'	5.0'	ND				Brown to gray fine to coarse SAND, some fine to coarse Gravel and Silt, wet. (fill)	Cement grout (0'-25' bgs)
15								Brown to gray coarse to fine SAND, some coarse to fine Gravel, little Silt, wet. (fill)	
				ND					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
MGP = manufactured gas plant.
Soil samples taken from 9'-10' bgs, 18'-19' bgs, 22'-23' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 2/10/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 20 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-2

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
	3	15'-20'	4.0'	27.0 - 52.1	X			Brown to gray coarse to fine SAND, some coarse to fine Gravel, little Silt, wet. Black staining and MPG odor. Tar-like material. (fill)	Cement grout (0'-25' bgs)
				ND				Red BRICK FRAGMENTS. Gas holder bottom at 18.5' bgs. (fill)	
20								Gray fine to coarse GRAVEL and SAND, wet.	
	4	20'-25'	5.0'	ND	X			Red-brown medium SAND, some fine to coarse Sand, trace fine Gravel, wet.	
					X			Red-brown SILT and CLAY, little fine Sand, wet.	
25								End of Boring at 25' bgs	
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available;
ND = Non-Detect; ppm = parts per million;
MGP = manufactured gas plant.
Soil samples taken from 9'-10' bgs, 18'-19' bgs, 22'-23' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-3

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
0								CONCRETE.	
								COBBLES and SAND. (fill)	
								COBBLES, BRICKS and SAND. (fill)	
								MICA SCHIST. (fill)	
5								WOOD TIMBER. (fill)	
								Gray and brown fine to coarse GRAVEL, some fine to medium Sand, moist.	
								Brown fine SAND and SILT, little medium sand, wet.	
	1	5'-10'	2.0'	ND	X				
10								Brown fine to coarse SAND, some fine to coarse Gravel, little Silt, wet.	
	2	10'-15'	5.0'	ND					Cement grout (0'-25' bgs)
15									
	3	15'-20'	4.0'	ND					

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect; ppm = parts per million.
Soil samples taken from 8'-9' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

Date Start/Finish: 3/3/07
Drilling Company: Boart Longyear
Driller's Name: Ben Grim
Drilling Method: Rotary Sonic
Sampler Size: 4" Core Barrel
Weather: Clear, 30 - 40 degrees F.

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 25' bgs
Surface Elevation: NA

Descriptions By: David M. Mack

Boring ID: SB-MTP-3

Draft

Client: Consolidated Edison Company of New York, Inc

Location: West 18th Street
MTP Lot
Manhattan, New York

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Water Table	Geologic Column	Stratigraphic Description	Boring Construction
20									
	4	20'-25'	5.0'	ND - 0.1	X			Gray to brown SILT and CLAY, trace fine Sand and organic debris, moist.	
25								End of Boring at 25' bgs	
30									
35									

ARCADIS BBL
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not available; ND = Non-Detect;
ppm = parts per million.
Soil samples taken from 8'-9' bgs and 24'-25' bgs.

Location not surveyed; final surveyed coordinates will be presented in the site-wide Remedial Investigation Report.

TRC Environmental Corp.

TEST PIT LOG

Sheet 1 Of 2

Project No.	Client	Test Pit No.	
41318	Con Edison	TP-2	
Location		Elevation & Datum	
10th Ave Lot b/w 18th and 19th St		12.35 NAVD '88	
		TRC Inspector	
		Jennifer Guido	
Contractor	Operator	Date Started/Completed	Completion Status
		9/12/2004	9/12/2004-Backfilled
ADT	Joe (ADT)	Total Depth (ftbg)	Water Level (ftbg) Obs. Stab.
Excavator		11'	N/A
Rubbertire Backhoe-CAT			
Sampler Type			
Grab			

DEPTH (FT BGS)	WATER	SAMPLE DESCRIPTION .	REMARKS (PID/DID, ETC)
0.0'		ASPHALT (0.0'-0.5')	
1.0'		Fill-Brownish gray f to c SAND, GRAVEL, some rock (schist) fragments and brick fragments (0.5'-6.0').	Sl petroleum odor, N/S
2.0'		Top of an intact red brick wall identified as the top of the southern ring wall for Gas Holder No. 3. encountered along the southern wall of the test pit Brick wall running E-W and bends toward the north. Brick wall continuous to bottom of test pit. An additional test pit (2' x 2') was excavated	Sl petroleum odor, N/S
3.0'		9' south of TP-2 to locate the northern ring wall of Gas Holder No. 4 presumed to be directly south of Gas Holder No. 3's southern wall. The second wall was not located.	Sl petroleum odor, N/S
4.0'			Sl petroleum odor, N/S
5.0'			Sl petroleum odor, N/S
6.0'		Increase in sand content and decrease in rock fragments (6.0'-10.0').	Sl petroleum odor, N/S

TRC Environmental Corp.

TEST PIT LOG

Project No. 41318	**Client** Con Edison
Location 10th Ave Lot b/w 18th and 19th St	
Contractor ADT	**Operator** Joe (ADT)
Excavator Rubbertire Backhoe-CAT	
Sampler Type Grab	
Test Pit No. TP-2	
Elevation & Datum 12.35 NAVD '88	
TRC Inspector Jennifer Guido	
Date Started/Completed 9/12/2004	**Completion Status** 9/12/2004-Backfilled
Total Depth (ftbg) 11'	**Water Level (ftbg)** Obs. N/A Stab.

DEPTH (FT BGS)	WATER	SAMPLE DESCRIPTION .	REMARKS (PID/DID, ETC)
7.0'			Sl petroleum odor, N/S
8.0'			Sl petroleum odor, N/S
9.0'			Sl petroleum odor, N/S
10.0'		Brownish gray f to c SAND, some gravel, ltl silt, tr rock (schist) fragments and brick fragments. Moist.	Sl petroleum odor, N/S
		Sample collected: W18STMGP-TP2-1011	Sl petroleum odor, N/S
11.0'		E.O.TP. at 11' bgs. (10' x 2')	
12.0'			

ARCADIS

Tables

TRC

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

The following qualifiers have been used for the soil and groundwater data in the data tables.

Qualifiers

- U - The compound was not detected at the indicated concentration
- J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concetration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- D - The compound was found at a dilution factor.
- E - The analyte exceeded the calibrated range of the instrument for that specific analysis.
- P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
- R - Data rejected based upon TRC data validation.
- * - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
- NR - Not analyzed
- NC - No criteria listed in the NYSDEC TAGM 4046.

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location		TP2	SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-8	SB-8	SB-9	SB-9	SB-9
Sample Interval (Feet bgs)		10 to 11	6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	11 to 11.5	14.5 to 15	4 to 5	8 to 10	20 to 22
Sampling Date		09/12/04	07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	08/11/04	08/11/04	09/12/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Volatile Organic Compounds (ug/Kg)	TAGM RSCO												
Dichlorodifluoromethane	NC	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.3 U	6.9 U	7.5 U	1.4 U	1.4 U	15
Chloromethane	NC	0.4 U	0.41 U	0.4 U	0.4 U	0.42 U	0.4 U	0.36 U	1.8 U	2 U	0.36 U	0.38 U	4.1
Vinyl Chloride	200	0.28 U	0.29 U	0.28 U	0.28 U	0.3 U	0.28 U	0.26 U	1.3 U	1.4 U	0.26 U	0.27 U	2.9
Bromomethane	NC	0.85 U	0.88 U	0.85 U	0.85 U	0.9 U	0.85 U	0.77 U	3.9 U	4.3 U	0.78 U	0.81 U	8.7
Chloroethane	1,900	0.63 U	0.66 U	0.63 U	0.63 U	0.66 U	0.63 U	0.57 U	2.9 U	3.2 U	0.58 U	0.6 U	6.5
Trichlorofluoromethane	NC	3 U	3.1 U	3 U	3 U	3.1 U	3 U	2.7 U	14 U	15 U	2.7 U	2.8 U	30
1,1,2-Trichlorotrifluoroethane	6,000	0.55 U	0.57 U	0.55 U	0.55 U	0.58 U	0.55 U	0.5 U	2.6 U	2.8 U	0.5 U	0.53 U	5.7
1,1-Dichloroethene	400	0.26 U	0.27 U	0.26 U	0.26 U	0.27 U	0.26 U	0.23 U	1.2 U	1.3 U	0.24 U	0.25 U	2.7
Acetone	200	32 J	9.3 U	9 U	9 U	9.4 U	44	43	41 UB	***230*** BJ	30 J	54 J	92
Carbon Disulfide	2,700	0.12 U	0.13 U	0.12 U	0.12 U	0.13 U	0.12 U	0.11 U	0.56 U	0.62 U	0.11 U	1.8 J	1.2
Methyl tert-butyl Ether	120	69 J	0.29 U	0.28 U	0.28 U	0.29 U	0.28 U	0.25 U	1.3 U	1.4 U	0.25 U	0.26 U	2.8
Methyl Acetate	NC	1.5 U	1.6 U	1.5 U	1.5 U	1.6 U	1.5 U	1.4 U	7.1 U	7.8 U	1.4 U	1.5 U	16
Methylene Chloride	100	0.82 U	5.3 J	0.82 U	0.82 U	0.86 U	11 J	2.5 J	15 JBU	12 JBU	0.75 U	1.2 J	15
trans-1,2-Dichloroethene	300	0.45 U	0.46 U	0.45 U	0.45 U	0.47 U	0.45 U	0.4 U	2.1 U	2.3 U	0.41 U	0.43 U	4.6
1,1-Dichloroethane	200	0.43 U	0.44 U	0.43 U	0.43 U	0.45 U	0.43 U	0.38 U	2 U	2.2 U	0.39 U	0.41 U	4.4
Cyclohexane	NC	4.2 J	0.38 U	0.37 U	0.37 U	0.39 U	0.37 U	0.33 U	1.7 U	1.9 U	0.34 U	3.5 J	75
2-Butanone	300	2.7 U	2.8 U	2.7 U	2.7 U	2.9 U	2.7 U	2.5 U	13 U	14 U	2.5 U	2.6 U	28
Carbon Tetrachloride	600	0.36 U	0.37 U	0.36 U	0.36 U	0.38 U	0.36 U	0.32 U	1.7 U	1.8 U	0.33 U	0.34 U	3.7
cis-1,2-Dichloroethene	NC	0.42 U	0.44 U	0.42 U	0.42 U	0.45 U	0.42 U	0.38 U	2 U	2.1 U	0.39 U	0.4 U	4.3
Chloroform	300	0.29 U	0.3 U	0.29 U	0.29 U	0.3 U	0.29 U	0.26 U	1.3 U	1.4 U	0.26 U	0.27 U	2.9
1,1,1-Trichloroethane	800	0.33 U	0.34 U	0.33 U	0.33 U	0.34 U	0.33 U	0.29 U	1.5 U	1.7 U	0.3 U	0.31 U	3.3
Methylcyclohexane	NC	3.9 J	0.44 U	0.43 U	0.43 U	0.45 U	0.43 U	0.39 U	940 J	2.2 U	0.39 U	19	180
Benzene	60	49	0.25 U	0.24 U	0.24 U	0.26 U	0.24 U	0.22 U	44	11 J	0.22 U	9.1	***880***
1,2-Dichloroethane	200	3.7 U	3.8 U	3.7 U	3.7 U	3.9 U	3.7 U	3.3 U	17 U	19 U	3.4 U	3.5 U	38
Trichloroethene	700	0.39 U	0.4 U	0.39 U	0.39 U	0.41 U	0.39 U	0.35 U	1.8 U	2 U	0.35 U	0.37 U	4
1,2-Dichloropropane	NC	0.4 U	0.42 U	0.4 U	0.4 U	0.42 U	0.4 U	0.36 U	1.9 U	2 U	0.37 U	0.39 U	4.1
Bromodichloromethane	NC	0.4 U	0.42 U	0.4 U	0.4 U	0.42 U	0.4 U	0.36 U	1.8 U	2 U	0.37 U	0.38 U	4.1
4-Methyl-2-Pentanone	1,000	2.9 U	3 U	2.9 U	2.9 U	3 U	2.9 U	2.6 U	13 U	15 U	2.6 U	2.8 U	30
Toluene	1,500	1.9 J	0.32 U	0.31 U	0.31 U	0.33 U	0.31 U	0.28 U	1.4 U	1.6 U	0.28 U	1.7 J	770
t-1,3-Dichloropropene	NC	0.31 U	0.32 U	0.31 U	0.31 U	0.32 U	0.31 U	0.28 U	1.4 U	1.6 U	0.28 U	0.29 U	3.2
cis-1,3-Dichloropropene	NC	0.23 U	0.24 U	0.23 U	0.23 U	0.25 U	0.23 U	0.21 U	1.1 U	1.2 U	0.21 U	0.22 U	2.4
1,1,2-Trichloroethane	NC	0.61 U	0.63 U	0.61 U	0.61 U	0.64 U	0.61 U	0.55 U	2.8 U	3.1 U	0.56 U	0.58 U	6.2
2-Hexanone	NC	3.9 U	4 U	3.9 U	3.9 U	4 U	3.9 U	3.5 U	18 U	19 U	3.5 U	3.7 U	39
Dibromochloromethane	NA	0.35 U	0.36 U	0.35 U	0.35 U	0.37 U	0.35 U	0.32 U	1.6 U	1.8 U	0.32 U	0.33 U	3.6
1,2-Dibromoethane	NC	0.5 U	0.52 U	0.5 U	0.5 U	0.53 U	0.5 U	0.45 U	2.3 U	2.5 U	0.46 U	0.48 U	5.1
Tetrachloroethene	1,400	0.77 U	0.79 U	0.77 U	0.77 U	0.8 U	0.77 U	0.69 U	3.5 U	4 J	0.7 U	0.73 U	7.8
Chlorobenzene	1,700	0.42 U	0.44 U	0.42 U	0.42 U	0.45 U	0.42 U	0.38 U	2 U	2.1 U	0.39 U	0.4 U	4.3
Ethyl Benzene	5,500	0.3 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U	0.27 U	22 J	1.5 U	0.27 U	0.29 U	***9100***
m/p-Xylenes	1,200	6.1	0.64 U	0.62 U	0.62 U	0.65 U	0.62 U	0.56 U	2.9 U	3.1 U	3.1 J	0.59 U	6.3
o-Xylene	600	3.1 J	0.54 U	0.52 U	0.52 U	0.55 U	0.52 U	0.47 U	2.4 U	2.6 U	1.3 J	0.5 U	***1400***
Styrene	NC	0.38 U	0.39 U	0.38 U	0.38 U	0.4 U	0.38 U	0.34 U	1.7 U	1.9 U	0.34 U	0.36 U	3.9
Bromoform	NC	0.36 U	0.37 U	0.36 U	0.36 U	0.38 U	0.36 U	0.32 U	1.7 U	1.8 U	0.33 U	0.34 U	3.7
Isopropylbenzene	2,300	2.7 J	0.46 U	0.45 U	0.45 U	0.47 U	0.45 U	0.4 U	370	30 J	0.41 U	1.4 J	1400
1,1,2,2-Tetrachloroethane	600	0.64 U	0.66 U	0.64 U	0.64 U	0.67 U	0.64 U	0.57 U	2.9 U	3.2 U	0.58 U	0.61 U	6.5
1,3-Dichlorobenzene	1,600	0.25 U	0.26 U	0.25 U	0.25 U	0.27 U	0.25 U	0.23 U	1.2 U	1.3 U	0.23 U	0.24 U	2.6
1,4-Dichlorobenzene	8,500	0.42 U	0.44 U	0.42 U	0.42 U	0.44 U	0.42 U	0.38 U	2 U	2.1 U	0.39 U	0.4 U	4.3
1,2-Dichlorobenzene	7,900	0.49 U	0.51 U	0.49 U	0.49 U	0.52 U	0.49 U	0.44 U	2.3 U	2.5 U	0.45 U	0.47 U	5
1,2-Dibromo-3-Chloropropane	NC	0.82 U	0.85 U	0.82 U	0.82 U	0.86 U	0.82 U	0.74 U	3.8 U	4.1 U	0.74 U	0.78 U	8.4
1,2,4-Trichlorobenzene	3,400	0.3 U	0.31 U	0.3 U	0.3 U	0.32 U	0.3 U	0.27 U	1.4 U	1.5 U	0.27 U	0.29 U	3.1
Total Confident Conc. VOC	10,000	171.9	-	-	-	-	55	43	1,376	275	34.4	91.7	***13,805***

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location			SB-9	SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)			26 to 28	32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29	35 to 37	37 to 39
Sampling Date			09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Volatile Organic Compounds (ug/Kg)	TAGM RSCO													
Dichlorodifluoromethane	NC	U	1.4 U	1.5 U	47 U	460 U	240 U	15 U	1.5 U	14 U	1.5 U	15 U	1.5 U	1.5 U
Chloromethane	NC	U	0.38 U	0.41 U	96 U	950 U	490 U	3.9 U	0.4 U	3.7 U	0.4 U	4.1 U	0.4 U	0.4 U
Vinyl Chloride	200	U	0.27 U	0.29 U	37 U	370 U	190 U	2.8 U	0.29 U	2.6 U	0.28 U	2.9 U	0.28 U	0.28 U
Bromomethane	NC	U	0.82 U	0.88 U	110 U	1100 U	560 U	8.4 U	0.86 U	7.9 U	0.85 U	8.8 U	0.85 U	0.85 U
Chloroethane	1,900	U	0.61 U	0.66 U	120 U	1200 U	630 U	6.2 U	0.64 U	5.8 U	0.63 U	6.6 U	0.63 U	0.63 U
Trichlorofluoromethane	NC	U	2.9 U	3.1 U	81 U	800 U	410 U	29 U	3 U	27 U	3 U	31 U	3 U	3 U
1,1,2-Trichlorotrifluoroethane	6,000	U	0.53 U	0.57 U	97 U	960 U	500 U	5.5 U	0.56 U	5.1 U	0.55 U	5.7 U	0.55 U	0.55 U
1,1-Dichloroethene	400	U	0.25 U	0.27 U	45 U	450 U	230 U	2.6 U	0.26 U	2.4 U	0.26 U	2.7 UJ	0.26 U	0.26 U
Acetone	200	U	14 J	10 J	460 U	4600 U	2400 U	89 U	9.1 U	83 U	57 J	120 J	24 J	13 J
Carbon Disulfide	2,700	U	0.12 U	0.13 U	55 U	540 U	280 U	1.2 U	0.12 U	1.1 U	0.12 U	30 J	0.12 U	0.12 U
Methyl tert-butyl Ether	120	U	4.1 J	1.3 J	50 U	500 U	260 U	***280***	2.2 J	2.5 U	12	***540*** J	2.9 J	2.8 J
Methyl Acetate	NC	U	1.5 U	1.6 U	120 U	1200 U	600 U	15 U	1.6 U	14 U	1.5 U	16 U	1.5 U	1.5 U
Methylene Chloride	100	J	0.79 U	1.6 J	87 U	860 U	450 U	8.1 U	0.83 U	7.6 U	0.82 U	14 J	2.3 J	1.7 J
trans-1,2-Dichloroethene	300	U	0.43 U	0.46 U	72 U	710 U	370 U	4.4 U	0.45 U	4.1 U	0.45 U	4.6 U	0.45 U	0.45 U
1,1-Dichloroethane	200	U	0.41 U	0.44 U	30 U	300 U	150 U	4.2 U	0.43 U	3.9 U	0.43 U	4.4 U	0.43 U	0.43 U
Cyclohexane	NC		0.35 U	0.38 U	52 U	17000 J	13000 J	3.6 U	0.37 U	3.4 U	0.37 U	3.8 U	0.37 U	0.37 U
2-Butanone	300	U	2.6 U	2.8 U	400 U	3900 U	2000 U	27 U	2.8 U	25 U	2.7 U	28 U	2.7 U	2.7 U
Carbon Tetrachloride	600	U	0.35 U	0.37 U	66 U	650 U	340 U	3.5 U	0.36 U	3.3 U	0.36 U	3.7 U	0.36 U	0.36 U
cis-1,2-Dichloroethene	NC	U	0.41 U	0.44 U	110 U	1100 U	550 U	4.2 U	0.43 U	3.9 U	0.42 U	4.4 U	0.42 U	0.42 U
Chloroform	300	U	0.28 U	0.3 U	81 U	800 U	410 U	2.8 U	0.29 U	2.6 U	0.29 U	3 U	0.29 U	0.29 U
1,1,1-Trichloroethane	800	U	0.32 U	0.34 U	57 U	570 U	290 U	3.2 U	0.33 U	3 U	0.33 U	3.4 U	0.33 U	0.33 U
Methylcyclohexane	NC		0.41 U	0.44 U	460 J	24000	21000	4.2 U	0.43 U	3.9 U	94	570 J	0.43 U	0.43 U
Benzene	60		6.2	0.25 U	34 U	***4600*** J	***7200***	***64***	0.25 U	2.2 U	1.5 J	***26000*** D	7.3	0.24 U
1,2-Dichloroethane	200	U	3.6 U	3.8 U	45 U	440 U	230 U	37 U	3.8 U	34 U	3.7 U	38 U	3.7 U	3.7 U
Trichloroethene	700	U	0.37 U	0.4 U	94 U	930 U	480 U	3.8 U	0.39 U	3.6 U	0.39 U	4 U	0.39 U	0.39 U
1,2-Dichloropropane	NC	U	0.39 U	0.42 U	45 U	440 U	230 U	4 U	0.41 U	3.7 U	0.4 U	4.2 U	0.4 U	0.4 U
Bromodichloromethane	NC	U	0.39 U	0.42 U	49 U	480 U	250 U	4 U	0.41 U	3.7 U	0.4 U	4.2 U	0.4 U	0.4 U
4-Methyl-2-Pentanone	1,000	U	2.8 U	3 U	190 U	1800 U	950 U	29 U	2.9 U	27 U	2.9 U	30 U	2.9 U	2.9 U
Toluene	1,500		0.3 U	0.32 U	***2600***	***74000***	***37000***	33 J	0.32 U	2.9 U	0.31 U	***15000*** D	3.1 J	0.31 U
t-1,3-Dichloropropene	NC	U	0.3 U	0.32 U	60 U	590 U	310 U	3 U	0.31 U	2.8 U	0.31 U	3.2 U	0.31 U	0.31 U
cis-1,3-Dichloropropene	NC	U	0.23 U	0.24 U	21 U	210 U	110 U	2.3 U	0.24 U	2.2 U	0.23 U	2.4 U	0.23 U	0.23 U
1,1,2-Trichloroethane	NC	U	0.59 U	0.63 U	73 U	720 U	370 U	6 U	0.62 U	5.6 U	0.61 U	6.3 U	0.61 U	0.61 U
2-Hexanone	NC	U	3.7 U	4 U	93 U	920 U	470 U	38 U	3.9 U	36 U	3.9 U	40 U	3.9 U	3.9 U
Dibromochloromethane	NA	U	0.34 U	0.36 U	53 U	520 U	270 U	3.5 U	0.35 U	3.2 U	0.35 U	3.6 U	0.35 U	0.35 U
1,2-Dibromoethane	NC	U	0.48 U	0.52 U	89 U	880 U	450 U	5 U	0.51 U	4.6 U	0.5 U	5.2 U	0.5 U	0.5 U
Tetrachloroethene	1,400	U	0.74 U	0.79 U	46 U	460 U	240 U	7.6 U	0.77 U	7.1 U	0.77 U	7.9 U	0.77 U	0.77 U
Chlorobenzene	1,700	U	0.41 U	0.44 U	52 U	510 U	260 U	4.2 U	0.43 U	3.9 U	0.42 U	4.4 U	0.42 U	0.42 U
Ethyl Benzene	5,500	D	11	0.31 U	***7700***	***53000***	***24000***	49 J	0.3 U	310	1.9 J	***18000*** D	0.3 U	1.5 J
m/p-Xylenes	1,200	U	0.6 U	0.64 U	***38000***	***250000***	***92000***	190	0.63 U	***1500***	5.7 J	6.4 UJ	0.62 U	0.62 U
o-Xylene	600	J	3.2 J	0.54 U	***18000***	***100000***	***35000***	86	0.53 U	520	10	***11000*** D	0.52 U	1.2 J
Styrene	NC	U	0.36 U	0.39 U	48 U	480 U	250 U	3.7 U	0.38 U	3.5 U	0.38 U	3.9 U	0.38 U	0.38 U
Bromoform	NC	U	0.35 U	0.37 U	35 U	350 U	180 U	3.6 U	0.36 U	3.3 U	0.36 U	3.7 U	0.36 U	0.36 U
Isopropylbenzene	2,300		1.6 J	0.46 U	2200	***13000***	***5600***	4.4 U	0.45 U	140	6.3	1100 J	0.45 U	0.45 U
1,1,2,2-Tetrachloroethane	600	U	0.62 U	0.66 U	70 U	690 U	360 U	6.3 U	0.65 U	5.9 U	0.64 U	6.6 U	0.64 U	0.64 U
1,3-Dichlorobenzene	1,600	U	0.25 U	0.26 U	52 U	520 U	270 U	2.5 U	0.26 U	2.3 U	0.25 U	2.6 U	0.25 U	0.25 U
1,4-Dichlorobenzene	8,500	U	0.41 U	0.44 U	54 U	540 U	280 U	4.2 U	0.43 U	3.9 U	0.42 U	4.4 U	0.42 U	0.42 U
1,2-Dichlorobenzene	7,900	U	0.48 U	0.51 U	51 U	510 U	260 U	4.9 U	0.5 U	4.5 U	0.49 U	5.1 U	0.49 U	0.49 U
1,2-Dibromo-3-Chloropropane	NC	U	0.79 U	0.85 U	130 U	1300 U	670 U	8.1 U	0.83 U	7.5 U	0.82 U	8.5 U	0.82 U	0.82 U
1,2,4-Trichlorobenzene	3,400	U	0.29 U	0.31 U	40 U	400 U	210 U	3 U	0.3 U	2.8 U	0.3 U	3.1 U	0.3 U	0.3 U
Total Confident Conc. VOC	10,000		40.1	12.9	***68,960***	***535,600***	***234,800***	702	2.2	2,470	188.4	***72,374***	39.6	20.2

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location		SB-12	SB-12	SB-12	SB-12	SB-12	SB-13	SB-13	SB-13	SB-13	SB-14	SB-14	SB-14
Sample Interval (Feet bgs)		5 to 7	7 to 9	15 to 17	25 to 27	49 to 51	6 to 6.5	25 to 27	25 to 27	27 to 29	4 to 5	11 to 13	17 to 19
Sampling Date		09/11/04	09/11/04	09/11/04	09/12/04	09/12/04	07/12/04	10/10/04	10/10/04	10/10/04	09/11/04	10/03/04	10/03/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Volatile Organic Compounds (ug/Kg)	TAGM RSCO								Blind Duplicate				
Dichlorodifluoromethane	NC	1.3 U	1.3 UJ	1.5 U	1.8 U	1.4 U	1.4 U	1.5 U	1.5 U	1.7 U	1.4 U	1.4 U	1.4 U
Chloromethane	NC	0.34 U	0.34 UJ	0.41 U	0.47 U	0.38 U	0.38 U	0.39 U	0.4 U	0.47 U	0.38 U	0.38 U	0.38 U
Vinyl Chloride	200	0.24 U	0.24 UJ	0.29 U	0.34 U	0.27 U	0.27 U	0.28 U	0.28 U	0.33 U	0.27 U	0.27 U	0.27 U
Bromomethane	NC	0.73 U	0.74 UJ	0.87 U	1 U	0.82 U	0.8 U	0.84 U	0.85 U	1 U	0.8 U	0.81 U	0.8 U
Chloroethane	1,900	0.54 U	0.55 UJ	0.65 U	0.75 U	0.61 U	0.6 U	0.62 U	0.63 U	0.74 U	0.6 U	0.6 U	0.6 U
Trichlorofluoromethane	NC	2.5 U	2.6 UJ	3 U	3.5 U	2.9 U	2.8 U	2.9 U	3 U	3.5 U	2.8 U	2.8 U	2.8 U
1,1,2-Trichlorotrifluoroethane	6,000	0.47 U	0.48 UJ	0.57 U	0.66 U	0.53 U	0.52 U	0.55 U	0.55 U	0.65 U	0.52 U	0.53 U	0.52 U
1,1-Dichloroethene	400	0.22 U	0.22 UJ	0.27 U	0.31 U	0.25 U	0.24 U	0.26 U	0.26 U	0.3 U	0.24 U	0.25 U	0.24 U
Acetone	200	19 J	13 J	46 J	25 J	8.7 U	8.5 U	35 BJ	44 BJ	140 BJ	8.5 U	8.6 U	8.5 U
Carbon Disulfide	2,700	1.7 J	3.4 J	0.12 U	0.14 U	0.12 U	1.3 J	4.7 J	0.12 U	7.4 J	1.3 J	0.12 U	0.11 U
Methyl tert-butyl Ether	120	0.24 U	0.24 UJ	2 J	0.33 U	0.27 U	0.26 U	0.27 U	0.28 U	0.32 U	0.26 U	0.26 U	0.26 U
Methyl Acetate	NC	1.3 U	1.3 UJ	1.6 U	1.8 U	1.5 U	1.4 U	1.5 U	1.5 U	1.8 U	1.4 U	1.5 U	1.4 U
Methylene Chloride	100	0.7 U	0.71 UJ	0.84 U	0.97 U	1.2 J	0.77 U	3.9 J	1.5 J	22 J	0.77 U	0.78 U	0.77 U
trans-1,2-Dichloroethene	300	0.38 U	0.39 UJ	0.46 U	0.53 U	0.43 U	0.42 U	0.44 U	0.45 U	0.52 U	0.42 U	0.43 U	0.42 U
1,1-Dichloroethane	200	0.36 U	0.37 UJ	0.44 U	0.5 U	0.41 U	0.4 U	0.42 U	0.43 U	0.5 U	0.4 U	0.41 U	0.4 U
Cyclohexane	NC	0.31 U	0.32 UJ	0.38 U	0.44 U	0.35 U	0.35 U	0.36 U	0.37 U	0.43 U	0.35 U	1.8 J	0.35 U
2-Butanone	300	2.3 U	2.4 UJ	2.8 U	3.2 U	2.6 U	2.6 U	2.7 U	2.7 U	3.2 U	2.6 U	2.6 U	2.6 U
Carbon Tetrachloride	600	0.31 U	0.31 UJ	0.37 U	0.43 U	0.35 U	0.34 U	0.35 U	0.36 U	0.42 U	0.34 U	0.34 U	0.34 U
cis-1,2-Dichloroethene	NC	0.36 U	0.37 UJ	0.43 U	0.5 U	0.41 U	0.4 U	0.42 U	0.42 U	0.5 U	0.4 U	0.4 U	0.4 U
Chloroform	300	0.24 U	0.25 UJ	0.29 U	0.34 U	0.28 U	0.27 U	0.28 U	2.5 J	0.33 U	0.27 U	0.27 U	0.27 U
1,1,1-Trichloroethane	800	0.28 U	0.28 UJ	0.33 U	0.39 U	0.32 U	0.31 U	0.32 U	0.33 U	0.38 U	0.31 U	0.31 U	0.31 U
Methylcyclohexane	NC	0.37 U	0.37 UJ	1.4 J	4.5 J	0.41 U	0.4 U	0.42 U	1.6 J	0.5 U	0.4 U	4.6 J	0.4 U
Benzene	60	0.21 U	0.21 UJ	18	***110***	0.23 U	0.23 U	0.24 U	3.8 J	8.8	0.23 U	0.23 U	0.23 U
1,2-Dichloroethane	200	3.2 U	3.2 UJ	3.8 U	4.4 U	3.6 U	3.5 U	3.7 U	3.7 U	4.3 U	3.5 U	3.5 U	3.5 U
Trichloroethene	700	0.33 U	0.33 UJ	0.4 U	0.46 U	0.37 U	0.36 U	0.38 U	0.39 U	0.45 U	0.36 U	0.37 U	0.36 U
1,2-Dichloropropane	NC	0.35 U	0.35 UJ	0.41 U	0.48 U	0.39 U	0.38 U	0.4 U	0.4 U	0.47 U	0.38 U	0.39 U	0.38 U
Bromodichloromethane	NC	0.34 U	0.35 UJ	0.41 U	0.48 U	0.39 U	0.38 U	0.4 U	0.4 U	0.47 U	0.38 U	0.38 U	0.38 U
4-Methyl-2-Pentanone	1,000	2.5 U	2.5 UJ	3 U	3.4 U	2.8 U	2.7 U	2.9 U	2.9 U	3.4 U	2.7 U	2.8 U	2.7 U
Toluene	1,500	0.27 U	1.6 J	8.1	0.37 U	0.3 U	0.29 U	0.31 U	0.31 U	1.9 J	0.29 U	0.3 U	0.29 U
t-1,3-Dichloropropene	NC	0.26 U	0.27 UJ	0.32 U	0.37 U	0.3 U	0.29 U	0.3 U	0.31 U	0.36 U	0.29 U	0.29 U	0.29 U
cis-1,3-Dichloropropene	NC	0.2 U	0.2 UJ	0.24 U	0.28 U	0.23 U	0.22 U	0.23 U	0.23 U	0.27 U	0.22 U	0.22 U	0.22 U
1,1,2-Trichloroethane	NC	0.52 U	0.53 UJ	0.62 U	0.72 U	0.59 U	0.57 U	0.6 U	0.61 U	0.71 U	0.57 U	0.58 U	0.57 U
2-Hexanone	NC	3.3 U	3.3 UJ	3.9 U	4.6 U	3.7 U	3.6 U	3.8 U	3.9 U	4.5 U	3.6 U	3.7 U	3.6 U
Dibromochloromethane	NA	0.3 U	0.3 UJ	0.36 U	0.42 U	0.34 U	0.33 U	0.35 U	0.35 U	0.41 U	0.33 U	0.33 U	0.33 U
1,2-Dibromoethane	NC	0.43 U	0.43 UJ	0.51 U	0.59 U	0.48 U	0.47 U	0.5 U	0.5 U	0.59 U	0.47 U	0.48 U	0.47 U
Tetrachloroethene	1,400	0.65 U	0.66 UJ	0.78 U	0.91 U	0.74 U	0.72 U	0.76 U	0.77 U	0.89 U	0.72 U	0.73 U	0.72 U
Chlorobenzene	1,700	0.36 U	0.37 UJ	0.43 U	0.5 U	0.41 U	0.4 U	0.42 U	0.42 U	0.5 U	0.4 U	0.4 U	0.4 U
Ethyl Benzene	5,500	0.26 U	0.26 UJ	0.31 U	0.36 U	0.29 U	0.28 U	0.3 U	0.3 U	0.35 U	0.28 U	0.29 U	0.28 U
m/p-Xylenes	1,200	0.53 U	4.9 J	0.63 U	4.4 J	0.6 U	0.58 U	0.61 U	0.62 U	5 J	0.58 U	0.59 U	0.58 U
o-Xylene	600	0.45 U	2.2 J	0.53 U	2.6 J	0.5 U	4.4 J	0.51 U	0.52 U	15	4.4 J	0.5 U	0.49 U
Styrene	NC	0.32 U	0.33 UJ	0.39 U	0.45 U	0.36 U	0.36 U	0.37 U	0.38 U	0.44 U	0.36 U	0.36 U	0.36 U
Bromoform	NC	0.31 U	0.31 UJ	0.37 U	0.43 U	0.35 U	0.34 U	0.36 U	0.36 U	0.42 U	0.34 U	0.34 U	0.34 U
Isopropylbenzene	2,300	0.38 U	0.39 UJ	0.46 U	0.53 U	0.43 U	0.42 U	0.44 U	0.45 U	0.52 U	0.42 U	3.1 J	0.42 U
1,1,2,2-Tetrachloroethane	600	0.55 U	0.55 UJ	0.65 U	0.76 U	0.62 U	0.6 U	0.63 U	0.64 U	0.75 U	0.6 U	0.61 U	0.6 U
1,3-Dichlorobenzene	1,600	0.22 U	0.22 UJ	0.26 U	0.3 U	0.25 U	0.24 U	0.25 U	0.25 U	0.3 U	0.24 U	0.24 U	0.24 U
1,4-Dichlorobenzene	8,500	0.36 U	0.37 UJ	0.43 U	0.5 U	0.41 U	0.4 U	0.42 U	0.42 U	0.49 U	0.4 U	0.4 U	0.4 U
1,2-Dichlorobenzene	7,900	0.42 U	0.43 UJ	0.5 U	0.58 U	0.48 U	0.46 U	0.49 U	0.49 U	0.58 U	0.46 U	0.47 U	0.46 U
1,2-Dibromo-3-Chloropropane	NC	0.7 U	0.71 UJ	0.84 U	0.97 U	0.79 U	0.77 U	0.81 U	0.82 U	0.95 U	0.77 U	0.78 U	0.77 U
1,2,4-Trichlorobenzene	3,400	0.26 U	0.26 UJ	0.31 U	0.36 U	0.29 U	0.28 U	0.3 U	0.3 U	0.35 U	0.28 U	0.29 U	0.28 U
Total Confident Conc. VOC	10,000	20.7	25.1	75.5	146.5	1.2	5.7	43.6	53.4	200.1	5.7	9.5	-

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location		SB-14	SB-15	SB-15	SB-15	SB-15	SB-15	SB-15	SB-18	SB-18	SB-18	SB-53	SB-53
Sample Interval (Feet bgs)		23 to 25	4 to 5	5 to 6	7 to 9	11 to 13	17 to 19	23 to 25	7.3 to 7.9	28.5 to 29	42.5 to 43	6 to 7	8.3 to 9.3
Sampling Date		10/03/04	08/18/04	08/18/04	08/19/04	08/19/04	08/19/04	08/19/04	07/21/04	07/21/04	07/21/04	03/24/05	03/24/05
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg 1	ug/Kg 1
Volatile Organic Compounds (ug/Kg)	TAGM RSCO												
Dichlorodifluoromethane	NC	1.8 U	1.4 U	1.4 U	15 U	1.4 U	15 R	20 U	1.5 U	1.5 U	1.9 U	1.6 U	1.5 U
Chloromethane	NC	0.49 U	0.38 U	0.38 U	3.9 U	0.38 U	3.9 R	5.3 U	0.4 U	0.39 U	0.51 U	0.44 U	0.4 U
Vinyl Chloride	200	0.35 U	0.27 U	0.27 U	2.8 U	0.27 U	2.8 R	3.8 U	0.28 U	0.28 U	0.36 U	0.31 U	0.28 U
Bromomethane	NC	1 U	0.81 U	0.8 U	8.3 U	0.82 U	8.3 R	11 U	0.85 U	0.84 U	1.1 U	0.94 U	0.85 U
Chloroethane	1,900	0.77 U	0.6 U	0.6 U	6.2 U	0.61 U	6.2 R	8.5 U	0.63 U	0.62 U	0.81 U	0.7 U	0.63 U
Trichlorofluoromethane	NC	3.6 U	2.8 U	2.8 U	29 U	2.9 U	29 R	40 U	3 U	2.9 U	3.8 U	3.3 U	3 U
1,1,2-Trichlorotrifluoroethane	6,000	0.68 U	0.53 U	0.52 U	5.4 U	0.53 U	5.4 R	7.4 U	0.55 U	0.55 U	0.71 U	0.61 U	0.55 U
1,1-Dichloroethene	400	0.32 U	0.25 U	0.24 U	2.5 U	0.25 U	2.5 R	3.5 U	0.26 U	0.26 U	0.33 U	0.29 U	0.26 U
Acetone	200	28 J	8.6 U	8.5 U	88 U	60 J	88 R	120 R	9 U	25 J	67	9.9 U	27 J
Carbon Disulfide	2,700	3.4 J	0.12 U	0.11 U	1.2 U	3.2 J	1.2 R	42 J	0.12 U	0.12 U	24 J	0.13 U	0.12 U
Methyl tert-butyl Ether	120	0.34 U	0.26 U	0.26 U	2.7 U	0.27 U	2.7 R	3.7 U	0.28 U	0.27 U	0.35 U	0.31 U	0.28 U
Methyl Acetate	NC	1.9 U	1.5 U	1.4 U	15 U	1.5 U	15 R	21 U	1.5 U	1.5 U	2 U	1.7 U	1.5 U
Methylene Chloride	100	1 U	0.78 U	0.77 U	35 J	2.7 J	8 R	47 J	3.2 J	8 J	18 J	5.5 J	0.82 U
trans-1,2-Dichloroethene	300	0.55 U	0.43 U	0.42 U	4.4 U	0.43 U	4.4 R	6 U	0.45 U	0.44 U	0.57 U	0.49 U	0.45 U
1,1-Dichloroethane	200	0.52 U	0.41 U	0.4 U	4.2 U	0.41 U	4.2 R	5.7 U	0.43 U	0.42 U	0.54 U	0.47 U	0.43 U
Cyclohexane	NC	0.45 U	0.35 U	0.35 U	100 J	0.35 U	83 R	4.9 U	0.37 U	4.4 J	0.47 U	0.41 U	0.37 U
2-Butanone	300	3.3 U	2.6 U	2.6 U	27 U	2.6 U	27 R	37 U	2.7 U	2.7 U	3.5 U	3 U	2.7 U
Carbon Tetrachloride	600	0.44 U	0.34 U	0.34 U	3.5 U	0.35 U	3.5 R	4.8 U	0.36 U	0.35 U	0.46 U	0.4 U	0.36 U
cis-1,2-Dichloroethene	NC	0.52 U	0.4 U	0.4 U	4.1 U	0.41 U	43 R	5.7 U	0.42 U	0.42 U	0.54 U	0.47 U	0.42 U
Chloroform	300	0.35 U	0.27 U	0.27 U	2.8 U	0.28 U	2.8 R	3.8 U	0.29 U	0.28 U	0.36 U	0.32 U	0.29 U
1,1,1-Trichloroethane	800	0.4 U	0.31 U	0.31 U	3.2 U	0.32 U	3.2 R	4.4 U	0.33 U	0.32 U	0.42 U	0.36 U	0.33 U
Methylcyclohexane	NC	0.52 U	0.41 U	28000 DJ	380 J	46 J	220 R	5.7 U	0.43 U	9	0.55 U	0.47 U	0.43 U
Benzene	60	0.3 U	0.23 U	0.23 U	2.4 U	0.23 U	***31000*** R	***790***	0.24 U	***170***	6.6 J	7	0.24 U
1,2-Dichloroethane	200	4.5 U	3.5 U	3.5 U	36 U	3.6 U	36 R	50 U	3.7 U	3.7 U	4.7 U	4.1 U	3.7 U
Trichloroethene	700	0.47 U	0.37 U	0.36 U	3.8 U	0.37 U	3.8 R	5.2 U	0.39 U	0.38 U	0.49 U	0.43 U	0.39 U
1,2-Dichloropropane	NC	0.49 U	0.39 U	0.38 U	3.9 U	0.39 U	3.9 R	5.4 U	0.4 U	0.4 U	0.52 U	0.45 U	0.4 U
Bromodichloromethane	NC	0.49 U	0.38 U	0.38 U	3.9 U	0.39 U	3.9 R	5.4 U	0.4 U	0.4 U	0.51 U	0.44 U	0.4 U
4-Methyl-2-Pentanone	1,000	3.5 U	2.8 U	2.7 U	28 U	2.8 U	28 R	39 U	2.9 U	2.9 U	3.7 U	3.2 U	2.9 U
Toluene	1,500	0.38 U	0.3 U	0.29 U	3 U	0.3 U	***99000*** R	4.2 U	0.31 U	250 D	2.5 J	6.6 J	0.31 U
t-1,3-Dichloropropene	NC	0.38 U	0.29 U	0.29 U	3 U	0.3 U	3 R	4.1 U	0.31 U	0.3 U	0.39 U	0.34 U	0.31 U
cis-1,3-Dichloropropene	NC	0.29 U	0.22 U	0.22 U	2.3 U	0.23 U	2.3 R	3.1 U	0.23 U	0.23 U	0.3 U	0.26 U	0.23 U
1,1,2-Trichloroethane	NC	0.74 U	0.58 U	0.57 U	6 U	0.59 U	6 R	8.2 U	0.61 U	0.6 U	0.78 U	0.67 U	0.61 U
2-Hexanone	NC	4.7 U	3.7 U	3.6 U	38 U	3.7 U	38 R	52 U	3.9 U	3.8 U	4.9 U	4.3 U	3.9 U
Dibromochloromethane	NA	0.43 U	0.33 U	0.33 U	3.4 U	0.34 U	3.4 R	4.7 U	0.35 U	0.35 U	0.45 U	0.39 U	0.35 U
1,2-Dibromoethane	NC	0.61 U	0.48 U	0.47 U	4.9 U	0.48 U	4.9 R	6.7 U	0.5 U	0.5 U	0.64 U	0.55 U	0.5 U
Tetrachloroethene	1,400	0.93 U	0.73 U	0.72 R	7.5 U	0.74 U	7.5 R	10 U	0.77 U	6.5	3.5 J	0.85 U	0.77 U
Chlorobenzene	1,700	0.52 U	0.4 U	0.4 R	4.1 U	0.41 U	34 R	5.7 U	0.42 U	0.42 U	0.54 U	0.47 U	0.42 U
Ethyl Benzene	5,500	0.37 U	0.29 U	0.28 R	2.9 U	0.29 U	***66000*** R	460	0.3 U	460 D	4.5 J	0.33 U	0.3 U
m/p-Xylenes	1,200	0.76 U	0.59 U	0.58 R	6 U	0.6 U	***120000*** R	720	0.62 U	580 D	3.4 J	0.33 U	0.3 U
o-Xylene	600	0.64 U	0.5 U	0.49 R	5.1 U	0.5 U	***41000*** R	380	0.52 U	330 D	4.2 J	1.8 J	0.52 U
Styrene	NC	0.46 U	0.36 U	0.36 R	3.7 U	0.36 U	3.7 R	5 U	0.38 U	9.9	0.48 U	0.42 U	0.38 U
Bromoform	NC	0.44 U	0.34 U	0.34 R	3.5 U	0.35 U	3.5 R	4.8 U	0.36 U	0.36 U	0.46 U	0.4 U	0.36 U
Isopropylbenzene	2,300	0.54 U	0.43 U	0.42 UJ	4.4 U	4.3 J	***3100*** R	6 U	0.45 U	220	0.57 U	0.49 U	0.45 U
1,1,2,2-Tetrachloroethane	600	0.78 U	0.61 U	0.6 UJ	6.2 U	0.62 U	6.2 R	8.5 U	0.64 U	0.63 U	0.81 U	0.71 U	0.64 U
1,3-Dichlorobenzene	1,600	0.31 U	0.24 U	0.24 UJ	2.5 U	0.25 U	2.5 R	3.4 U	0.25 U	0.25 U	0.32 U	0.28 U	0.25 U
1,4-Dichlorobenzene	8,500	0.52 U	0.4 U	0.4 UJ	4.1 U	0.41 U	4.1 R	5.7 U	0.42 U	0.42 U	0.54 U	0.47 U	0.42 U
1,2-Dichlorobenzene	7,900	0.6 U	0.47 U	0.46 UJ	4.8 U	0.48 U	4.8 R	6.6 U	0.49 U	0.49 U	0.63 U	0.55 U	0.49 U
1,2-Dibromo-3-Chloropropane	NC	1 U	0.78 U	0.77 UJ	8 U	0.79 U	8 R	11 U	0.82 U	0.81 U	1 U	0.9 U	0.82 U
1,2,4-Trichlorobenzene	3,400	0.37 U	0.29 U	0.28 UJ	2.9 U	0.29 U	2.9 R	4 U	0.3 U	0.3 U	0.38 U	0.33 U	0.3 U
Total Confident Conc. VOC	10,000	31.4	-	***28,000***	515	116.2	***360,480***	2,439	3.2	702.8	133.7	25.2	27

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location		SB-53	SB-54	SB-54	SB-54	SB-54	SB-55	SB-55	SB-55	SB-55	SB-55		
Sample Interval (Feet bgs)		14 to 15	3 to 4	5 to 6	9 to 10	19 to 21	2 to 3	2 to 3	5 to 6	8 to 9	19 to 20		
Sampling Date		03/24/05	03/23/05	03/24/05	03/24/05	03/24/05	03/23/05	03/23/05	03/25/05	03/25/05	03/25/05		
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg		
		1	1	1	1	1	1	1	1	1	1		
Volatile Organic Compounds (ug/Kg)	TAGM RSCO							Blind Duplicate				Number of Samples	Number of Detections
Dichlorodifluoromethane	NC	1.4 U	1.5 U	1.3 U	1.4 U	1.4 U	1.5 U	1.5 U	1.3 U	1.4 U	1.5 U	58	0
Chloromethane	NC	0.37 U	0.4 U	0.36 U	0.38 U	0.38 U	0.39 U	0.41 U	0.35 U	0.37 U	0.4 U	58	0
Vinyl Chloride	200	0.26 U	0.29 U	0.25 U	0.27 U	0.27 U	0.28 U	0.29 U	0.25 U	0.26 U	0.29 U	58	0
Bromomethane	NC	0.8 U	0.86 U	0.76 U	0.81 U	0.8 U	0.83 U	0.87 U	0.75 U	0.8 U	0.86 U	58	0
Chloroethane	1,900	0.59 U	0.64 U	0.56 U	0.6 U	0.6 U	0.62 U	0.65 U	0.56 U	0.59 U	0.64 U	58	0
Trichlorofluoromethane	NC	2.8 U	3 U	2.6 U	2.8 U	2.8 U	2.9 U	3 U	2.6 U	2.8 U	3 U	58	0
1,1,2-Trichlorotrifluoroethane	6,000	0.52 U	0.56 U	0.49 U	0.53 U	0.52 U	0.54 U	0.57 U	0.49 U	0.52 U	0.56 U	58	0
1,1-Dichloroethene	400	0.24 U	0.26 U	0.23 U	0.25 U	0.24 U	0.25 U	0.27 U	0.23 U	0.24 U	0.26 U	58	0
Acetone	200	27 J	17 J	34	14 J	18 J	20 J	11 JB	7.9 U	13 J	30 J	58	33
Carbon Disulfide	2,700	0.11 U	0.12 U	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.11 U	0.12 U	58	12
Methyl tert-butyl Ether	120	0.26 U	0.28 U	0.25 U	0.26 U	0.26 U	0.27 U	0.28 U	0.24 U	0.26 U	0.28 U	58	10
Methyl Acetate	NC	1.4 U	1.6 U	1.4 U	1.5 U	1.4 U	1.5 U	1.6 U	1.4 U	1.4 U	1.6 U	58	0
Methylene Chloride	100	0.76 U	2.8 J	3.2 J	2.4 J	1.8 J	5.6 J	11 J	3.1 J	1.8 J	3.2 J	58	31
trans-1,2-Dichloroethene	300	0.42 U	0.45 U	0.4 U	0.43 U	0.42 U	0.44 U	0.46 U	0.39 U	0.42 U	0.45 U	58	0
1,1-Dichloroethane	200	0.4 U	0.43 U	0.38 U	0.41 U	0.4 U	0.42 U	0.44 U	0.38 U	0.4 U	0.43 U	58	0
Cyclohexane	NC	0.34 U	0.37 U	0.33 U	0.35 U	0.35 U	0.36 U	0.38 U	0.32 U	0.34 U	0.37 U	58	8
2-Butanone	300	2.6 U	2.8 U	2.4 U	2.6 U	2.6 U	2.7 U	2.8 U	2.4 U	2.6 U	2.8 U	58	0
Carbon Tetrachloride	600	0.33 U	0.36 U	0.32 U	0.34 U	0.34 U	0.35 U	0.37 U	0.32 U	0.33 U	0.36 U	58	0
cis-1,2-Dichloroethene	NC	0.4 U	0.43 U	0.38 U	0.4 U	0.4 U	0.41 U	0.43 U	0.37 U	0.4 U	0.43 U	58	0
Chloroform	300	0.27 U	0.29 U	0.25 U	0.27 U	0.27 U	0.28 U	0.29 U	0.25 U	0.27 U	0.29 U	58	1
1,1,1-Trichloroethane	800	0.3 U	0.33 U	0.29 U	0.31 U	0.31 U	0.32 U	0.33 U	0.29 U	0.3 U	0.33 U	58	0
Methylcyclohexane	NC	0.4 U	0.43 U	0.38 U	0.41 U	0.4 U	0.42 U	0.44 U	0.38 U	0.4 U	0.43 U	58	17
Benzene	60	0.23 U	0.25 U	0.22 U	0.23 U	0.23 U	0.24 U	1.3 J	0.21 U	0.23 U	1.4 J	58	22
1,2-Dichloroethane	200	3.5 U	3.8 U	3.3 U	3.5 U	3.5 U	3.6 U	3.8 U	3.3 U	3.5 U	3.8 U	58	0
Trichloroethene	700	0.36 U	0.39 U	0.34 U	0.37 U	0.36 U	0.38 U	0.4 U	0.34 U	0.36 U	0.39 U	58	0
1,2-Dichloropropane	NC	0.38 U	0.41 U	0.36 U	0.39 U	0.38 U	0.39 U	0.41 U	0.36 U	0.38 U	0.41 U	58	0
Bromodichloromethane	NC	0.37 U	0.41 U	0.36 U	0.38 U	0.38 U	0.39 U	0.41 U	0.35 U	0.37 U	0.41 U	58	0
4-Methyl-2-Pentanone	1,000	2.7 U	2.9 U	2.6 U	2.8 U	2.7 U	2.8 U	3 U	2.6 U	2.7 U	2.9 U	58	0
Toluene	1,500	1.6 J	7.6	2.2 J	0.3 U	0.29 U	8.4	10	0.28 U	0.29 U	0.32 U	58	20
t-1,3-Dichloropropene	NC	0.29 U	0.31 U	0.28 U	0.29 U	0.29 U	0.3 U	0.32 U	0.27 U	0.29 U	0.31 U	58	0
cis-1,3-Dichloropropene	NC	0.22 U	0.24 U	0.21 U	0.22 U	0.22 U	0.23 U	0.24 U	0.21 U	0.22 U	0.24 U	58	0
1,1,2-Trichloroethane	NC	0.57 U	0.62 U	0.54 U	0.58 U	0.57 U	0.6 U	0.62 U	0.54 U	0.57 U	0.62 U	58	0
2-Hexanone	NC	3.6 U	3.9 U	3.4 U	3.7 U	3.6 U	3.8 U	3.9 U	3.4 U	3.6 U	3.9 U	58	0
Dibromochloromethane	NA	0.33 U	0.35 U	0.31 U	0.33 U	0.33 U	0.34 U	0.36 U	0.31 U	0.33 U	0.35 U	58	0
1,2-Dibromoethane	NC	0.47 U	0.51 U	0.45 U	0.48 U	0.47 U	0.49 U	0.51 U	0.44 U	0.47 U	0.51 U	58	0
Tetrachloroethene	1,400	0.71 U	5.2 J	1.4 J	0.73 U	0.72 U	0.75 U	0.78 U	0.68 U	0.71 U	0.77 U	58	5
Chlorobenzene	1,700	0.4 U	0.43 U	0.38 U	0.4 U	0.4 U	0.41 U	0.43 U	0.37 U	0.4 U	0.43 U	58	0
Ethyl Benzene	5,500	0.28 U	2 J	4.4 J	0.29 U	0.28 U	2.7 J	3 J	1.3 J	0.28 U	0.3 U	58	19
m/p-Xylenes	1,200	0.28 U	2 J	4.4 J	0.29 U	0.28 U	2.7 J	3 J	1.3 J	0.28 U	0.3 U	58	19
o-Xylene	600	0.49 U	3.8 J	7.9	0.5 U	0.49 U	4.6 J	5.8 J	2.3 J	0.49 U	0.53 U	58	26
Styrene	NC	0.35 U	0.38 U	0.34 U	0.36 U	0.36 U	0.37 U	0.39 U	0.33 U	0.35 U	0.38 U	58	1
Bromoform	NC	0.34 U	0.36 U	0.32 U	0.34 U	0.34 U	0.35 U	0.37 U	0.32 U	0.34 U	0.36 U	58	0
Isopropylbenzene	2,300	0.42 U	0.45 U	2.3 J	0.43 U	0.42 U	7.3	0.46 U	0.39 U	0.42 U	0.45 U	58	17
1,1,2,2-Tetrachloroethane	600	0.59 U	0.65 U	0.57 U	0.61 U	0.6 U	0.62 U	0.65 U	0.56 U	0.59 U	0.65 U	58	0
1,3-Dichlorobenzene	1,600	0.24 U	0.26 U	0.23 U	0.24 U	0.24 U	0.25 U	0.26 U	0.22 U	0.24 U	0.26 U	58	0
1,4-Dichlorobenzene	8,500	0.39 U	0.43 U	0.38 U	0.4 U	0.4 U	0.41 U	0.43 U	0.37 U	0.39 U	0.43 U	58	0
1,2-Dichlorobenzene	7,900	0.46 U	0.5 U	0.44 U	0.47 U	0.46 U	0.48 U	0.5 U	0.44 U	0.46 U	0.5 U	58	0
1,2-Dibromo-3-Chloropropane	NC	0.76 U	0.83 U	0.73 U	0.78 U	0.77 U	0.8 U	0.84 U	0.72 U	0.76 U	0.83 U	58	0
1,2,4-Trichlorobenzene	3,400	0.28 U	0.3 U	0.27 U	0.29 U	0.28 U	0.29 U	0.31 U	0.27 U	0.28 U	0.3 U	58	0
Total Confident Conc. VOC	10,000	30.4	47.5	67.4	16.4	19.8	61.6	56.1	10.1	14.8	34.6		

Summary of Volatile Organic Compounds in Subsurface Soil -Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-12

Sample Location Sample Interval (Feet bgs) Sampling Date Units Volatile Organic Compounds (ug/Kg)	TAGM RSCO	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Dichlorodifluoromethane	NC	0%	0	0%	< 1.3	< 460
Chloromethane	NC	0%	0	0%	< 0.34	< 950
Vinyl Chloride	200	0%	0	0%	< 0.24	< 370
Bromomethane	NC	0%	0	0%	< 0.73	< 1,100
Chloroethane	1,900	0%	0	0%	< 0.54	< 1,200
Trichlorofluoromethane	NC	0%	0	0%	< 2.5	< 800
1,1,2-Trichlorotrifluoroethane	6,000	0%	0	0%	< 0.47	< 960
1,1-Dichloroethene	400	0%	0	0%	< 0.22	< 450
Acetone	200	57%	1	2%	< 7.9	< 4,600
Carbon Disulfide	2,700	21%	0	0%	< 0.11	< 540
Methyl tert-butyl Ether	120	17%	2	3%	< 0.24	540
Methyl Acetate	NC	0%	0	0%	< 1.3	< 1,200
Methylene Chloride	100	53%	0	0%	< 0.7	< 860
trans-1,2-Dichloroethene	300	0%	0	0%	< 0.38	< 710
1,1-Dichloroethane	200	0%	0	0%	< 0.36	< 300
Cyclohexane	NC	14%	0	0%	< 0.31	17,000
2-Butanone	300	0%	0	0%	< 2.3	< 3,900
Carbon Tetrachloride	600	0%	0	0%	< 0.31	< 650
cis-1,2-Dichloroethene	NC	0%	0	0%	< 0.36	< 1,100
Chloroform	300	2%	0	0%	< 0.24	< 800
1,1,1-Trichloroethane	800	0%	0	0%	< 0.28	< 570
Methylcyclohexane	NC	29%	0	0%	< 0.37	28,000
Benzene	60	38%	9	16%	< 0.21	26,000
1,2-Dichloroethane	200	0%	0	0%	< 3.2	< 440
Trichloroethene	700	0%	0	0%	< 0.33	< 930
1,2-Dichloropropane	NC	0%	0	0%	< 0.35	< 440
Bromodichloromethane	NC	0%	0	0%	< 0.34	< 480
4-Methyl-2-Pentanone	1,000	0%	0	0%	< 2.5	< 1,800
Toluene	1,500	34%	5	9%	< 0.27	74,000
t-1,3-Dichloropropene	NC	0%	0	0%	< 0.26	< 590
cis-1,3-Dichloropropene	NC	0%	0	0%	< 0.2	< 210
1,1,2-Trichloroethane	NC	0%	0	0%	< 0.52	< 720
2-Hexanone	NC	0%	0	0%	< 3.3	< 920
Dibromochloromethane	NA	0%	0	0%	< 0.3	< 520
1,2-Dibromoethane	NC	0%	0	0%	< 0.43	< 880
Tetrachloroethene	1,400	9%	0	0%	< 0.65	460
Chlorobenzene	1,700	0%	0	0%	< 0.36	< 510
Ethyl Benzene	5,500	33%	6	10%	< 0.26	66,000
m/p-Xylenes	1,200	33%	5	9%	< 0.28	250,000
o-Xylene	600	45%	6	10%	< 0.45	100,000
Styrene	NC	2%	0	0%	< 0.32	480
Bromoform	NC	0%	0	0%	< 0.31	< 350
Isopropylbenzene	2,300	29%	3	5%	< 0.38	13,000
1,1,2,2-Tetrachloroethane	600	0%	0	0%	< 0.55	< 690
1,3-Dichlorobenzene	1,600	0%	0	0%	< 0.22	< 520
1,4-Dichlorobenzene	8,500	0%	0	0%	< 0.36	< 540
1,2-Dichlorobenzene	7,900	0%	0	0%	< 0.42	< 510
1,2-Dibromo-3-Chloropropane	NC	0%	0	0%	< 0.7	< 1,300
1,2,4-Trichlorobenzene	3,400	0%	0	0%	< 0.26	< 400
Total Confident Conc. VOC	10,000					

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		TP2	SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-8	SB-8	SB-9	SB-9
Sample Interval (Feet bgs)		10 to 11	6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	11 to 11.5	14.5 to 15	4 to 5	8 to 10
Sampling Date		09/12/04	07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	08/11/04	08/11/04	09/12/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO											
Benzaldehyde	NC	39 U	40 U	39 U	39 U	41 U	38 U	35 U	36 U	39 U	35 U	37 U
Phenol	30 or MDL	16 U	17 U	17 U	16 U	17 U	16 U	15 U	15 U	17 U	15 U	16 U
bis(2-Chloroethyl)ether	NC	19 U	20 U	20 U	19 U	20 U	19 U	17 U	18 U	20 U	18 U	19 U
2-Chlorophenol	800	17 U	18 U	17 U	17 U	18 U	17 U	15 U	16 U	17 U	16 U	16 U
2-Methylphenol	100 or MDL	25 U	26 U	25 U	25 U	26 U	25 U	22 U	23 U	25 U	23 U	24 U
2,2-oxybis(1-Chloropropane)	NC	21 U	22 U	21 U	21 U	22 U	21 U	19 U	20 U	22 U	20 U	20 U
Acetophenone	NC	21 U	21 U	21 U	21 U	22 U	21 U	18 U	19 U	21 U	19 U	20 U
3+4-Methylphenols	900	18 U	19 U	18 U	18 U	19 U	18 U	16 U	17 U	18 U	17 U	17 U
N-Nitroso-di-n-propylamine	NC	17 U	18 U	17 U	17 U	18 U	17 U	16 U	16 U	18 U	16 U	17 U
Hexachloroethane	NC	19 U	19 U	19 U	19 U	20 U	19 U	17 U	17 U	19 U	17 U	18 U
Nitrobenzene	200 or MDL	20 U	21 U	20 U	20 U	21 U	20 U	18 U	19 U	20 U	18 U	19 U
Isophorone	4,400	15 U	15 U	15 U	15 U	15 U	15 U	13 U	14 U	15 U	13 U	14 U
2-Nitrophenol	330 or MDL	16 U	16 U	16 U	16 U	17 U	16 U	14 U	15 U	16 U	14 U	15 U
2,4-Dimethylphenol	NC	21 U	22 U	21 U	21 U	22 U	21 U	19 U	20 U	22 U	20 U	20 U
bis(2-Chloroethoxy)methane	NC	18 U	19 U	18 U	18 U	19 U	18 U	16 U	17 U	18 U	16 U	17 U
2,4-Dichlorophenol	400	14 U	14 U	14 U	14 U	15 U	14 U	12 U	13 U	14 U	13 U	13 U
Naphthalene	13,000	8.6 U	8.8 U	8.6 U	8.6 U	9 U	8.5 U	7.7 U	8 U	8.7 U	7.8 U	44 J
4-Chloroaniline	220 or MDL	150 U	150 U	150 U	150 U	150 U	150 U	130 U	140 U	150 U	130 U	140 U
Hexachlorobutadiene	NC	14 U	14 U	14 U	14 U	15 U	14 U	12 U	13 U	14 U	13 U	13 U
Caprolatam	NC	15 U	15 U	15 U	15 U	15 U	14 U	13 U	13 U	15 U	13 U	14 U
4-Chloro-3-methylphenol	240 or MDL	12 U	12 U	12 U	12 U	12 U	12 U	10 U	11 U	12 U	11 U	11 U
2-Methylnaphthalene	36,400	6.8 U	7 U	6.8 U	6.8 U	7.1 U	6.8 U	280 J	2400 D	120 J	6.2 U	6.5 U
Hexachlorocyclopentadiene	NC	9.9 UJ	10 UJ	9.9 UJ	9.9 UJ	10 UJ	9.9 UJ	8.9 UJ	9.2 UJ	10 UJ	9 UJ	9.5 UJ
2,4,6-Trichlorophenol	NC	14 U	15 U	14 U	14 U	15 U	14 U	13 U	13 U	14 U	13 U	14 U
2,4,5-Trichlorophenol	100	26 U	27 U	26 U	26 U	27 U	26 U	23 U	24 U	26 U	24 U	25 U
1,1-Biphenyl	NC	12 U	12 U	12 U	12 U	12 U	12 U	10 U	11 U	12 U	11 U	11 U
2-Chloronaphthalene	NC	8.2 U	8.5 U	8.3 U	8.2 U	8.6 U	8.2 U	7.4 U	7.6 U	8.3 U	7.5 U	7.9 U
2-Nitroaniline	430 or MDL	14 U	15 U	14 U	14 U	15 U	14 U	13 U	13 U	14 U	13 U	14 U
Dimethylphthalate	2,000	9.4 U	9.7 U	9.5 U	9.4 U	9.9 U	9.4 U	8.4 U	8.7 U	9.5 U	8.6 U	9 U
Acenaphthylene	41,000	12 U	12 U	12 U	12 U	12 U	12 U	11 U	11 U	12 U	44 J	11 U
2,6-Dinitrotoluene	1,000	17 U	17 U	17 U	17 U	18 U	17 U	15 U	16 U	17 U	15 U	16 U
3-Nitroaniline	500 or MDL	64 U	66 U	64 U	64 U	67 U	63 U	57 U	59 U	65 U	58 U	61 U
Acenaphthene	50,000	8.7 U	9 U	8.7 U	8.7 U	9.1 U	8.7 U	7.8 U	8.1 U	8.8 U	78 J	39 J
2,4-Dinitrophenol	200 or MDL	17 U	18 U	17 U	17 U	18 U	17 U	16 U	16 U	18 U	16 U	17 U
4-Nitrophenol	100 or MDL	39 U	40 U	39 U	39 U	40 U	38 U	35 U	36 U	39 U	35 U	37 U
Dibenzofuran	6,200	13 U	13 U	13 U	13 U	14 U	13 U	12 U	12 U	13 U	140 J	12 U
2,4-Dinitrotoluene	1,000	7.9 U	8.1 U	7.9 U	7.9 U	8.3 U	7.8 U	7.1 U	7.3 U	8 U	7.2 U	7.5 U
Diethylphthalate	7,100	12 U	13 U	12 U	12 U	13 U	12 U	11 U	11 U	13 U	11 U	12 U
4-Chlorophenyl-phenylether	NC	9.8 U	10 U	9.8 U	9.8 U	10 U	9.7 U	8.8 U	9.1 U	9.9 U	8.9 U	9.4 U
Fluorene	50,000	11 U	12 U	11 U	11 U	12 U	11 U	10 U	170 J	11 U	170 J	11 U
4-Nitroaniline	NC	31 U	32 U	31 U	31 U	32 U	31 U	28 U	29 U	31 U	28 U	30 U
4,6-Dinitro-2-methylphenol	NC	23 U	24 U	23 U	23 U	24 U	23 U	21 U	21 U	23 U	21 U	22 U
N-Nitrosodiphenylamine	NC	10 U	10 U	10 U	10 U	11 U	10 U	9 U	9.3 U	10 U	9.2 U	9.6 U
4-Bromophenyl-phenylether	NC	10 U	11 U	10 U	10 U	11 U	10 U	9.3 U	9.6 U	11 U	9.5 U	9.9 U
Hexachlorobenzene	410	7.4 U	7.6 U	7.4 U	7.4 U	7.8 U	7.4 U	6.6 U	6.8 U	7.5 U	6.8 U	7.1 U
Atrazine	NC	12 U	12 U	12 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	12 U
Pentachlorophenol	1000 or MDL	12 U	13 U	12 U	12 U	13 U	12 U	11 U	11 U	12 U	11 U	12 U
Phenanthrene	50,000	8.8 U	9.1 U	8.9 U	8.8 U	9.3 U	8.8 U	62 J	680	61 J	700	250 J
Anthracene	50,000	9.4 U	9.7 U	9.5 U	9.4 U	9.9 U	9.4 U	8.4 U	140 J	9.5 U	49 J	91 J
Carbazole	NC	8.7 U	9 U	8.7 U	8.7 U	9.1 U	8.7 U	7.8 U	8.1 U	8.8 U	8 U	8.3 U

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		TP2	SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-8	SB-8	SB-9	SB-9
Sample Interval (Feet bgs)		10 to 11	6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	11 to 11.5	14.5 to 15	4 to 5	8 to 10
Sampling Date		09/12/04	07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	08/11/04	08/11/04	09/12/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO											
Di-n-butylphthalate	8,100	5.2 U	5.4 U	5.3 U	5.3 U	5.5 U	5.2 U	4.7 U	4.9 U	5.3 U	4.8 U	5 U
Fluoranthene	50,000	5.5 U	5.7 U	5.5 U	5.5 U	5.8 U	5.5 U	4.9 U	5.1 U	5.6 U	740	530
Pyrene	50,000	7 U	7.2 U	7.1 U	7 U	7.4 U	7 U	6.3 U	160 J	7.1 U	690	620
Butylbenzylphthalate	50,000	13 U	14 U	13 U	13 U	14 U	13 U	12 U	12 U	13 U	12 U	13 U
3,3-Dichlorobenzidine	NA	63 U	65 U	64 U	63 U	66 U	63 U	57 U	59 U	64 U	58 U	61 U
Benzo(a)anthracene	224 or MDL	6 U	6.1 U	6 U	6 U	6.3 U	5.9 U	5.3 U	5.5 U	6 U	190 J	***290*** J
Chrysene	400	13 U	13 U	13 U	13 U	13 U	12 U	11 U	12 U	13 U	280 J	260 J
bis(2-Ethylhexyl)phthalate	50,000	66 J	9.3 U	9.1 U	9.1 U	9.5 U	9 U	8.1 U	140 J	49 J	8.3 U	8.7 U
Di-n-octyl phthalate	50,000	9.4 U	9.7 U	9.5 U	9.4 U	9.9 U	9.4 U	8.4 U	8.7 U	9.5 U	8.6 U	9 U
Benzo(b)fluoranthene	1,100	21 U	22 U	21 U	21 U	22 U	21 U	19 U	19 U	21 U	310 J	280 J
Benzo(k)fluoranthene	1,100	13 U	14 U	14 U	13 U	14 U	13 U	12 U	12 U	14 U	160 J	140 J
Benzo(a)pyrene	61 or MDL	6.8 U	7 U	6.8 U	6.8 U	7.1 U	6.8 U	6.1 U	6.3 U	6.9 U	***240*** J	***260*** J
Indeno(1,2,3-cd)pyrene	3,200	9.5 U	9.8 U	9.6 U	9.6 U	10 U	9.5 U	8.6 U	8.8 U	9.7 U	100 J	130 J
Dibenz(a,h)anthracene	14 or MDL	12 U	12 U	12 U	12 U	12 U	12 U	10 U	11 U	12 U	11 U	11 U
Benzo(g,h,i)perylene	50,000	17 U	18 U	17 U	17 U	18 U	17 U	15 U	16 U	17 U	110 J	160 J
Total Confident Conc. SVOC	500,000	66	-	-	-	-	-	342	3,690	230	4,001	3,094
Carcinogenic SVOCs in BaP Equivalents		ND	ND	ND	ND	ND	ND	ND	ND	ND	304.4	334

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-9	SB-9	SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11
Sample Interval (Feet bgs)		20 to 22	26 to 28	32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Benzaldehyde	NC	40 U	37 U	40 U	72 U	71 U	370 U	38 U	39 U	36 U	39 U
Phenol	30 or MDL	17 U	16 U	17 U	31 U	30 U	160 U	16 U	17 U	15 U	17 U
bis(2-Chloroethyl)ether	NC	20 U	19 U	20 U	36 U	36 U	190 U	19 U	20 U	18 U	20 U
2-Chlorophenol	800	18 U	16 U	18 U	32 U	32 U	160 U	17 U	17 U	16 U	17 U
2-Methylphenol	100 or MDL	***160*** J	24 U	26 U	47 U	46 U	240 U	25 U	25 U	23 U	25 U
2,2-oxybis(1-Chloropropane)	NC	22 U	20 U	22 U	40 U	39 U	200 U	21 U	21 U	20 U	21 U
Acetophenone	NC	21 UJ	20 U	21 U	39 U	38 U	200 U	20 U	21 U	19 U	21 U
3+4-Methylphenols	900	130 J	17 U	19 U	34 U	33 U	170 U	18 U	18 U	17 U	18 U
N-Nitroso-di-n-propylamine	NC	18 U	17 U	18 U	33 U	32 U	170 U	17 U	18 U	16 U	18 U
Hexachloroethane	NC	19 U	18 U	20 U	35 U	35 U	180 U	19 U	19 U	17 U	19 U
Nitrobenzene	200 or MDL	21 UJ	19 U	21 U	37 U	37 U	190 U	20 U	20 U	19 U	20 U
Isophorone	4,400	15 UJ	14 U	15 U	27 U	27 U	140 U	15 U	15 U	14 U	15 U
2-Nitrophenol	330 or MDL	16 UJ	15 U	17 U	30 U	29 U	150 U	16 U	16 U	15 U	16 U
2,4-Dimethylphenol	NC	22 UJ	20 U	22 U	40 U	39 U	200 U	21 U	21 U	20 U	21 U
bis(2-Chloroethoxy)methane	NC	19 UJ	17 U	19 U	34 U	33 U	170 U	18 U	18 U	17 U	18 U
2,4-Dichlorophenol	400	14 UJ	13 U	14 U	26 U	26 U	130 U	14 U	14 U	13 U	14 U
Naphthalene	13,000	***94000*** D	780	75 J	9100 D	9200 D	4000	5600 D	8.6 U	2400	8.6 U
4-Chloroaniline	220 or MDL	150 UJ	140 U	150 U	270 U	270 U	1400 U	140 U	150 U	140 U	150 U
Hexachlorobutadiene	NC	14 UJ	13 U	14 U	26 U	26 U	130 U	14 U	14 U	13 U	14 U
Caprolatam	NC	15 UJ	14 U	15 U	27 U	27 U	140 U	14 U	15 U	14 U	15 U
4-Chloro-3-methylphenol	240 or MDL	12 UJ	11 U	12 U	22 U	22 U	110 U	12 U	12 U	11 U	12 U
2-Methylnaphthalene	36,400	7000 DJ	62 J	7.1 U	9300 D	7100 DJ	2400 J	220 J	6.8 U	2100	6.8 U
Hexachlorocyclopentadiene	NC	10 UJ	9.5 UJ	10 UJ	18 UJ	18 UJ	94 UJ	9.8 UJ	10 UJ	9.2 UJ	10 UJ
2,4,6-Trichlorophenol	NC	15 U	14 U	15 U	27 U	26 U	140 U	14 U	14 U	13 U	14 U
2,4,5-Trichlorophenol	100	27 U	25 U	27 U	49 U	48 U	250 U	26 U	26 U	24 U	26 U
1,1-Biphenyl	NC	880	11 U	12 U	440 J	280 J	110 U	12 U	12 U	11 U	12 U
2-Chloronaphthalene	NC	8.5 U	7.9 U	8.6 U	15 U	15 U	78 U	8.2 U	8.3 U	7.6 U	8.3 U
2-Nitroaniline	430 or MDL	15 U	14 U	15 U	27 U	26 U	140 U	14 U	14 U	13 U	14 U
Dimethylphthalate	2,000	9.7 U	9 U	9.8 U	18 U	17 U	90 U	9.3 U	9.5 U	8.7 U	9.5 U
Acenaphthylene	41,000	290 J	11 U	12 U	22 U	22 U	110 U	12 U	12 U	200 J	12 U
2,6-Dinitrotoluene	1,000	17 U	16 U	18 U	31 U	31 U	160 U	17 U	17 U	16 U	17 U
3-Nitroaniline	500 or MDL	65 U	61 U	66 U	120 U	120 U	610 U	63 U	64 U	59 U	64 U
Acenaphthene	50,000	2500	38 J	9.1 U	990	470 J	83 U	74 J	8.8 U	410	8.8 U
2,4-Dinitrophenol	200 or MDL	18 U	17 U	18 U	33 U	32 U	170 U	17 U	18 U	16 U	18 U
4-Nitrophenol	100 or MDL	40 U	37 U	40 U	72 U	71 U	370 U	38 U	39 U	36 U	39 U
Dibenzofuran	6,200	2600	12 U	14 U	680 J	370 J	120 U	89 J	13 U	680	13 U
2,4-Dinitrotoluene	1,000	8.1 U	7.6 U	8.2 U	15 U	15 U	75 U	7.8 U	7.9 U	7.3 U	7.9 U
Diethylphthalate	7,100	13 U	12 U	13 U	23 U	23 U	120 U	12 U	12 U	12 U	12 U
4-Chlorophenyl-phenylether	NC	10 U	9.4 U	10 U	18 U	18 U	93 U	9.7 U	9.8 U	9.1 U	9.8 U
Fluorene	50,000	2900	42 J	12 U	1200	680 J	110 U	99 J	11 U	1100	11 U
4-Nitroaniline	NC	32 U	30 U	32 U	58 U	57 U	290 U	31 U	31 U	29 U	31 U
4,6-Dinitro-2-methylphenol	NC	24 U	22 U	24 U	43 U	42 U	220 U	23 U	23 U	21 U	23 U
N-Nitrosodiphenylamine	NC	10 U	9.6 U	10 U	19 U	19 U	96 U	9.9 U	10 U	9.3 U	10 U
4-Bromophenyl-phenylether	NC	11 U	10 U	11 U	19 U	19 U	99 U	10 U	10 U	9.6 U	10 U
Hexachlorobenzene	410	7.6 U	7.1 U	7.7 U	14 U	14 U	71 U	7.3 U	7.4 U	6.9 U	7.4 U
Atrazine	NC	12 U	12 U	13 U	22 U	22 U	110 U	12 U	12 U	11 U	12 U
Pentachlorophenol	1000 or MDL	13 U	12 U	13 U	23 U	23 U	120 U	12 U	12 U	11 U	12 U
Phenanthrene	50,000	8500 D	140 J	9.2 U	5300	3200	590 J	290 J	8.9 U	4500 D	89 J
Anthracene	50,000	2900 D	56 J	9.8 U	1800	1100	90 U	100 J	9.5 U	1000	9.5 U
Carbazole	NC	1100	8.4 U	9.1 U	640 J	280 J	83 U	100 J	8.8 U	410	8.8 U

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-9	SB-9	SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11
Sample Interval (Feet bgs)		20 to 22	26 to 28	32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Di-n-butylphthalate	8,100	5.4 U	5 U	5.5 U	9.8 U	9.7 U	50 U	5.2 U	5.3 U	4.9 U	5.3 U
Fluoranthene	50,000	5700 D	100 J	5.7 U	5300	3100	650 J	170 J	5.5 U	4300 D	64 J
Pyrene	50,000	5500 D	100 J	7.3 U	6800 D	3600	790 J	170 J	7.1 U	4300 D	73 J
Butylbenzylphthalate	50,000	14 U	13 U	14 U	25 U	24 U	130 U	13 U	13 U	12 U	13 U
3,3-Dichlorobenzidine	NA	65 U	61 U	66 U	120 U	120 U	600 U	63 U	64 U	59 U	64 U
Benzo(a)anthracene	224 or MDL	***2900***	39 J	6.2 U	***2700***	***1600***	57 U	68 J	6 U	***2000***	6 U
Chrysene	400	***2500***	50 J	13 U	***2300***	***1200***	120 U	75 J	13 U	***1800***	13 U
bis(2-Ethylhexyl)phthalate	50,000	9.3 U	43 J	74 J	17 U	170 J	86 U	54 J	69 J	8.4 U	78 J
Di-n-octyl phthalate	50,000	9.7 U	9 U	9.8 U	18 U	17 U	90 U	9.3 U	9.5 U	8.7 U	9.5 U
Benzo(b)fluoranthene	1,100	***2200***	20 U	22 U	***2700***	***1400***	500 J	56 J	21 U	***2200***	21 U
Benzo(k)fluoranthene	1,100	***1300*** J	13 U	14 U	***1200*** J	800 J	130 U	13 U	14 U	830 J	14 U
Benzo(a)pyrene	61 or MDL	***2000***	6.5 U	7.1 U	***2400***	***1200***	65 U	49 J	6.8 U	***1700***	6.8 U
Indeno(1,2,3-cd)pyrene	3,200	440	9.2 U	9.9 U	750	210 J	91 U	9.5 U	9.6 U	740	9.6 U
Dibenz(a,h)anthracene	14 or MDL	***95*** J	11 U	12 U	***120*** J	21 U	110 U	11 U	12 U	***120*** J	12 U
Benzo(g,h,i)perylene	50,000	490	16 U	18 U	1000	370 J	160 U	17 U	17 U	750	17 U
Total Confident Conc. SVOC	500,000	146,085	1,450	149	54,720	36,330	8,930	7,214	69	31,540	304
Carcinogenic SVOCs in BaP Equivalents		2,687	4.4	ND	3,170	1,541	50	62.2	ND	2,340.3	ND

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-11	SB-11	SB-11	SB-12	SB-12	SB-12	SB-12	SB-12	SB-13	SB-13
Sample Interval (Feet bgs)		27 to 29	35 to 37	37 to 39	5 to 7	7 to 9	15 to 17	25 to 27	49 to 51	6 to 6.5	25 to 27
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/11/04	09/11/04	09/12/04	09/12/04	07/12/04	10/10/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Benzaldehyde	NC	81 U	39 U	39 U	33 U	33 U	39 U	45 U	37 U	38 UJ	38 U
Phenol	30 or MDL	34 U	16 U	17 U	14 U	14 U	17 U	19 U	16 U	16 UJ	16 U
bis(2-Chloroethyl)ether	NC	41 U	19 U	20 U	17 U	17 U	20 U	23 U	19 U	19 UJ	19 U
2-Chlorophenol	800	36 U	17 U	17 U	15 U	15 U	17 U	20 U	17 U	17 UJ	17 U
2-Methylphenol	100 or MDL	52 U	25 U	25 U	21 U	22 U	25 U	29 U	24 U	25 UJ	25 U
2,2-oxybis(1-Chloropropane)	NC	45 UJ	21 U	21 U	18 U	18 U	22 U	25 U	21 U	21 UJ	21 U
Acetophenone	NC	43 UJ	21 U	21 U	18 U	18 U	21 U	24 U	20 U	20 UJ	21 U
3+4-Methylphenols	900	***1500***	18 U	18 U	16 U	16 U	18 U	21 U	18 U	18 UJ	18 U
N-Nitroso-di-n-propylamine	NC	36 U	17 U	18 U	15 U	15 U	18 U	20 U	17 U	17 UJ	17 U
Hexachloroethane	NC	39 U	19 U	19 U	16 U	16 U	19 U	22 U	18 U	19 UJ	19 U
Nitrobenzene	200 or MDL	42 UJ	20 U	20 U	17 U	17 U	20 U	24 U	19 U	20 UJ	20 U
Isophorone	4,400	31 UJ	15 U	15 U	13 U	13 U	15 U	17 U	14 U	15 UJ	15 U
2-Nitrophenol	330 or MDL	33 UJ	16 U	16 U	14 U	14 U	16 U	19 U	15 U	16 UJ	16 U
2,4-Dimethylphenol	NC	45 UJ	21 U	21 U	18 U	18 U	22 U	25 U	21 U	21 UJ	21 U
bis(2-Chloroethoxy)methane	NC	38 UJ	18 U	18 U	15 U	16 U	18 U	21 U	17 U	18 UJ	18 U
2,4-Dichlorophenol	400	29 UJ	14 U	14 U	12 U	12 U	14 U	16 U	13 U	14 UJ	14 U
Naphthalene	13,000	***1300000*** DJ	280 J	8.6 U	7.4 U	48 J	8.7 U	10 U	8.3 U	8.5 UJ	8.5 U
4-Chloroaniline	220 or MDL	300 UJ	150 U	150 U	130 U	130 U	150 U	170 U	140 U	140 UJ	150 U
Hexachlorobutadiene	NC	29 UJ	14 U	14 U	12 U	12 U	14 U	16 U	13 U	14 UJ	14 U
Caprolatam	NC	30 UJ	15 U	15 U	12 U	13 U	15 U	17 U	14 U	14 UJ	14 U
4-Chloro-3-methylphenol	240 or MDL	24 UJ	12 U	12 U	10 U	10 U	12 U	14 U	11 U	12 UJ	12 U
2-Methylnaphthalene	36,400	***63000*** DJ	6.8 U	6.8 U	5.8 U	5.9 U	6.9 U	8 U	6.6 U	6.7 UJ	6.8 U
Hexachlorocyclopentadiene	NC	21 UJR	9.9 UJ	10 UJ	8.5 UJ	8.6 UJ	10 UJ	12 UJ	9.6 UJ	9.8 UJ	9.8 UJ
2,4,6-Trichlorophenol	NC	30 U	14 U	14 U	12 U	12 U	15 U	17 U	14 U	14 UJ	14 U
2,4,5-Trichlorophenol	100	54 U	26 U	26 U	22 U	23 U	27 U	31 U	25 U	26 UJ	26 U
1,1-Biphenyl	NC	7700 D	12 U	12 U	10 U	10 U	12 U	14 U	11 U	12 UJ	12 U
2-Chloronaphthalene	NC	17 U	8.2 U	8.3 U	7.1 U	7.1 U	8.4 U	9.7 U	8 U	8.1 UJ	8.2 U
2-Nitroaniline	430 or MDL	30 U	14 U	14 U	12 U	12 U	15 U	17 U	14 U	14 UJ	14 U
Dimethylphthalate	2,000	20 U	9.4 U	9.5 U	8.1 U	8.1 U	9.6 U	11 U	9.1 U	9.3 UJ	9.4 U
Acenaphthylene	41,000	6400	12 U	12 U	10 U	57 J	12 U	14 U	11 U	12 UJ	12 U
2,6-Dinitrotoluene	1,000	35 U	17 U	17 U	14 U	15 U	17 U	20 U	16 U	17 UJ	17 U
3-Nitroaniline	500 or MDL	130 U	64 U	64 U	55 U	55 U	65 U	75 U	62 U	63 UJ	63 U
Acenaphthene	50,000	12000 D	8.7 U	8.8 U	7.5 U	49 J	8.9 U	10 U	8.4 U	8.6 UJ	8.7 U
2,4-Dinitrophenol	200 or MDL	36 U	17 U	18 U	15 U	15 U	18 U	20 U	17 U	17 UJ	17 U
4-Nitrophenol	100 or MDL	80 U	39 U	39 U	33 U	33 R	39 U	45 U	37 U	38 UJ	38 U
Dibenzofuran	6,200	***15000*** D	13 U	13 U	11 U	70 J	13 U	15 U	13 U	13 UJ	13 U
2,4-Dinitrotoluene	1,000	16 U	7.9 U	7.9 U	6.8 U	6.8 U	8 U	9.2 U	7.6 U	7.8 UJ	7.8 U
Diethylphthalate	7,100	26 U	12 U	12 U	11 U	11 U	13 U	15 U	12 U	12 UJ	12 U
4-Chlorophenyl-phenylether	NC	20 U	9.8 U	9.8 U	8.4 U	8.5 U	10 U	11 U	9.5 U	9.7 UJ	9.7 U
Fluorene	50,000	18000 D	11 U	11 U	9.6 U	110 J	11 U	13 U	11 U	11 UJ	11 U
4-Nitroaniline	NC	64 U	31 U	31 U	27 U	27 U	31 U	36 U	30 U	31 UJ	31 U
4,6-Dinitro-2-methylphenol	NC	48 UJ	23 U	23 U	20 U	20 U	23 U	27 U	22 U	23 UJ	23 U
N-Nitrosodiphenylamine	NC	21 U	10 U	10 U	8.6 U	8.7 U	10 U	12 U	9.7 U	9.9 UJ	10 U
4-Bromophenyl-phenylether	NC	22 U	10 U	10 U	8.9 U	9 U	11 U	12 U	10 U	10 UJ	10 U
Hexachlorobenzene	410	15 U	7.4 U	7.4 U	6.3 U	6.4 U	7.5 U	8.7 U	7.2 U	7.3 UJ	7.4 U
Atrazine	NC	25 U	12 U	12 U	10 U	10 U	12 U	14 U	12 U	12 UJ	12 U
Pentachlorophenol	1000 or MDL	26 U	12 U	12 U	11 U	11 U	13 U	14 U	12 U	12 UJ	12 U
Phenanthrene	50,000	***63000*** D	8.8 U	8.9 U	80 J	560	9 U	10 U	8.6 U	8.7 UJ	8.8 U
Anthracene	50,000	19000 D	9.4 U	9.5 U	35 J	150 J	9.6 U	11 U	9.1 U	9.3 UJ	9.4 U
Carbazole	NC	6300 D	8.7 U	8.8 U	7.5 U	60 J	8.9 U	10 U	8.4 U	8.6 UJ	8.7 U

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-11	SB-11	SB-11	SB-12	SB-12	SB-12	SB-12	SB-12	SB-13	SB-13
Sample Interval (Feet bgs)		27 to 29	35 to 37	37 to 39	5 to 7	7 to 9	15 to 17	25 to 27	49 to 51	6 to 6.5	25 to 27
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/11/04	09/11/04	09/12/04	09/12/04	07/12/04	10/10/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Di-n-butylphthalate	8,100	11 U	5.3 U	5.3 U	4.5 U	4.5 U	5.3 U	6.2 U	5.1 U	5.2 UJ	5.2 U
Fluoranthene	50,000	40000 JD	5.5 U	5.5 U	120 J	570	5.6 U	6.4 U	42 J	5.4 UJ	5.5 U
Pyrene	50,000	32000 D	7 U	7.1 U	120 J	430	7.2 U	8.3 U	6.8 U	7 UJ	7 U
Butylbenzylphthalate	50,000	28 U	13 U	13 U	34 J	45 J	13 U	16 U	13 U	13 UJ	13 U
3,3-Dichlorobenzidine	NA	130 U	63 U	64 U	54 U	55 U	65 U	74 U	61 U	63 UJ	63 U
Benzo(a)anthracene	224 or MDL	***16000*** D	6 U	6 U	52 J	***240*** J	6.1 U	7 U	5.8 U	5.9 UJ	5.9 U
Chrysene	400	***13000*** D	13 U	13 U	64 J	200 J	13 U	15 U	12 U	12 UJ	12 U
bis(2-Ethylhexyl)phthalate	50,000	19 U	88 J	9.1 U	390	380	63 J	57 J	42 J	48 J	89 J
Di-n-octyl phthalate	50,000	20 U	9.4 U	9.5 U	8.1 U	140 J	9.6 U	11 U	9.1 U	9.3 UJ	9.4 U
Benzo(b)fluoranthene	1,100	***12000*** D	21 U	21 U	59 J	240 J	21 U	25 U	20 U	21 UJ	21 U
Benzo(k)fluoranthene	1,100	***5200***	13 U	14 U	12 U	93 J	14 U	16 U	13 U	13 UJ	13 U
Benzo(a)pyrene	61 or MDL	***11000*** D	6.8 U	6.8 U	52 J	***220*** J	6.9 U	8 U	6.6 U	6.7 UJ	6.8 U
Indeno(1,2,3-cd)pyrene	3,200	1900	9.5 U	9.6 U	8.2 U	100 J	9.7 U	11 U	9.3 U	9.4 UJ	9.5 U
Dibenz(a,h)anthracene	14 or MDL	***400*** J	12 U	12 U	9.9 U	10 U	12 U	14 U	11 U	11 UJ	12 U
Benzo(g,h,i)perylene	50,000	2300 J	17 U	17 U	42 J	120 J	17 U	20 U	17 U	17 UJ	17 U
Total Confident Conc. SVOC	500,000	***1,645,700***	368	-	1,048	7,484	63	57	84	48	89
Carcinogenic SVOCs in BaP Equivalents		14,572	ND	ND	63.7	280.9	ND	ND	ND	ND	ND

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-13	SB-13	SB-14	SB-14	SB-14	SB-14	SB-15	SB-15	SB-15	SB-15
Sample Interval (Feet bgs)		25 to 27	27 to 29	4 to 5	11 to 13	17 to 19	23 to 25	4 to 5	5 to 6	7 to 9	11 to 13
Sampling Date		10/10/04	10/10/04	09/11/04	10/03/04	10/03/04	10/03/04	08/18/04	08/18/04	08/19/04	08/19/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO	Blind Duplicate									
Benzaldehyde	NC	39 U	45 U	36 U	37 U	37 U	47 U	37 U	37 U	38 U	37 U
Phenol	30 or MDL	16 U	19 U	16 U	16 U	16 U	20 U	16 U	16 U	16 U	16 U
bis(2-Chloroethyl)ether	NC	19 U	23 U	18 U	18 U	18 U	24 U	19 U	18 U	19 U	19 U
2-Chlorophenol	800	17 U	20 U	16 U	16 U	16 U	21 U	16 U	16 U	17 U	16 U
2-Methylphenol	100 or MDL	25 U	29 U	23 U	24 U	24 U	30 U	24 U	24 U	24 U	24 U
2,2-oxybis(1-Chloropropane)	NC	21 U	25 U	20 U	20 U	20 U	26 U	20 U	20 U	21 U	21 U
Acetophenone	NC	21 U	24 U	19 U	20 U	20 U	25 U	20 U	20 U	20 U	20 U
3+4-Methylphenols	900	18 U	21 U	17 U	17 U	17 U	22 U	17 U	17 U	18 U	17 U
N-Nitroso-di-n-propylamine	NC	17 U	20 U	16 U	17 U	17 U	21 U	17 U	16 U	17 U	17 U
Hexachloroethane	NC	19 U	22 U	18 U	18 U	18 U	23 U	18 U	18 U	18 U	18 U
Nitrobenzene	200 or MDL	20 U	23 U	19 U	19 U	19 U	24 U	19 U	19 U	20 U	19 U
Isophorone	4,400	15 U	17 U	14 U	14 U	14 U	18 U	14 U	14 U	14 U	14 U
2-Nitrophenol	330 or MDL	16 U	19 U	15 U	15 U	15 U	19 U	15 U	15 U	16 U	15 U
2,4-Dimethylphenol	NC	21 U	25 U	20 U	20 U	20 U	26 U	20 U	20 U	21 U	21 U
bis(2-Chloroethoxy)methane	NC	18 U	21 U	17 U	17 U	17 U	22 U	17 U	17 U	18 U	17 U
2,4-Dichlorophenol	400	14 U	16 U	13 U	13 U	13 U	17 U	13 U	13 U	14 U	13 U
Naphthalene	13,000	8.6 U	10 U	520	41 J	8.2 U	10 U	8.2 U	8.1 U	250 J	180 J
4-Chloroaniline	220 or MDL	150 U	170 U	140 U	140 U	140 U	180 U	140 U	140 U	140 U	140 U
Hexachlorobutadiene	NC	14 U	16 U	13 U	13 U	13 U	17 U	13 U	13 U	14 U	13 U
Caprolatam	NC	15 U	17 U	14 U	14 U	14 U	18 U	14 U	14 U	14 U	14 U
4-Chloro-3-methylphenol	240 or MDL	12 U	14 U	11 U	11 U	11 U	14 UJ	11 U	11 U	11 U	11 U
2-Methylnaphthalene	36,400	6.8 U	8 U	220 J	6.5 U	6.5 U	8.3 U	6.5 U	490	160 J	6.5 U
Hexachlorocyclopentadiene	NC	9.9 UJR	12 UJ	9.3 UJ	9.4 UJ	9.4 UJ	12 UJ	9.4 UJ	9.4 UJ	9.7 UJ	9.5 UJ
2,4,6-Trichlorophenol	NC	14 U	17 U	13 U	14 U	14 U	17 U	14 U	14 U	14 U	14 U
2,4,5-Trichlorophenol	100	26 U	31 U	25 U	25 U	25 U	32 U	25 U	25 U	26 U	25 U
1,1-Biphenyl	NC	12 U	14 U	11 U	11 U	11 U	14 U	11 U	11 U	11 U	11 U
2-Chloronaphthalene	NC	8.2 U	9.6 U	7.8 U	7.8 U	7.8 U	10 U	7.9 U	7.8 U	8.1 U	7.9 U
2-Nitroaniline	430 or MDL	14 U	17 U	13 U	14 U	14 U	17 U	14 U	14 U	14 U	14 U
Dimethylphthalate	2,000	9.4 U	11 U	8.9 U	9 U	9 U	11 U	9 U	8.9 U	9.2 U	9.1 U
Acenaphthylene	41,000	12 U	14 U	11 U	11 U	11 U	14 U	11 U	11 U	12 U	11 U
2,6-Dinitrotoluene	1,000	17 U	20 U	16 U	16 U	16 U	20 U	16 U	16 U	16 U	16 U
3-Nitroaniline	500 or MDL	64 U	75 U	60 U	61 U	61 U	78 U	61 U	60 U	62 U	61 U
Acenaphthene	50,000	8.7 U	10 U	320 J	8.3 U	8.3 U	11 U	8.3 U	8.2 U	180 J	94 J
2,4-Dinitrophenol	200 or MDL	17 U	20 U	16 U	17 U	17 U	21 U	17 U	16 U	17 U	17 U
4-Nitrophenol	100 or MDL	39 U	45 U	36 U	37 U	37 U	47 U	37 U	36 U	38 U	37 U
Dibenzofuran	6,200	13 U	15 U	410	12 U	12 U	16 U	12 U	12 U	13 U	100 J
2,4-Dinitrotoluene	1,000	7.9 U	9.2 U	7.4 U	7.5 U	7.5 U	9.6 U	7.5 U	7.5 U	7.7 U	7.6 U
Diethylphthalate	7,100	12 U	15 U	12 U	12 U	12 U	15 U	12 U	12 U	12 U	12 U
4-Chlorophenyl-phenylether	NC	9.8 U	11 U	9.2 U	9.3 U	9.3 U	12 U	9.3 U	9.3 U	9.6 U	9.4 U
Fluorene	50,000	11 U	13 U	500	11 U	11 U	14 U	11 U	11 U	56 J	160 J
4-Nitroaniline	NC	31 U	36 U	29 U	29 U	29 U	38 U	29 U	29 U	30 U	30 U
4,6-Dinitro-2-methylphenol	NC	23 U	27 U	22 U	22 U	22 U	28 U	22 U	22 U	22 U	22 U
N-Nitrosodiphenylamine	NC	10 U	12 U	9.4 U	9.5 U	9.5 U	12 U	9.6 U	9.5 U	9.8 U	9.6 U
4-Bromophenyl-phenylether	NC	10 U	12 U	9.8 U	9.9 U	9.9 U	13 U	9.9 U	9.8 U	10 U	10 U
Hexachlorobenzene	410	7.4 U	8.7 U	7 U	7 U	7 U	9 U	7.1 U	7 U	7.2 U	7.1 U
Atrazine	NC	12 U	14 U	11 U	11 U	11 U	15 U	11 U	11 U	12 U	12 U
Pentachlorophenol	1000 or MDL	12 U	14 U	12 U	12 U	12 U	15 U	12 U	12 U	12 U	12 U
Phenanthrene	50,000	8.8 U	10 U	1400	8.4 U	8.4 U	11 U	8.4 U	98 J	130 J	320 J
Anthracene	50,000	9.4 U	11 U	340 J	9 U	9 U	11 U	9 U	8.9 U	64 J	9.1 U
Carbazole	NC	8.7 U	10 U	120 J	8.3 U	8.3 U	11 U	8.3 U	8.2 U	8.5 U	200 J

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-13	SB-13	SB-14	SB-14	SB-14	SB-14	SB-15	SB-15	SB-15	SB-15
Sample Interval (Feet bgs)		25 to 27	27 to 29	4 to 5	11 to 13	17 to 19	23 to 25	4 to 5	5 to 6	7 to 9	11 to 13
Sampling Date		10/10/04	10/10/04	09/11/04	10/03/04	10/03/04	10/03/04	08/18/04	08/18/04	08/19/04	08/19/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO	Blind Duplicate									
Di-n-butylphthalate	8,100	5.2 U	6.1 U	4.9 U	5 U	5 U	6.4 U	5 U	5 U	5.1 U	5 U
Fluoranthene	50,000	5.5 U	6.4 U	1500	5.2 U	5.2 U	6.7 U	5.2 U	82 J	260 J	5.3 U
Pyrene	50,000	7 U	8.2 U	1600	6.7 U	6.7 U	8.6 U	6.7 U	100 J	350 J	6.8 U
Butylbenzylphthalate	50,000	13 U	16 U	12 U	13 U	13 U	16 U	13 U	13 U	13 U	13 U
3,3-Dichlorobenzidine	NA	63 U	74 U	60 U	60 U	60 U	77 U	60 U	60 U	62 U	61 U
Benzo(a)anthracene	224 or MDL	6 U	7 U	***1000***	5.7 U	5.7 U	7.3 U	5.7 U	50 J	210 J	5.7 U
Chrysene	400	13 U	15 U	***1100***	12 U	12 U	15 U	12 U	53 J	200 J	12 U
bis(2-Ethylhexyl)phthalate	50,000	45 J	68 J	8.5 U	120 J	8.6 U	11 U	8.6 U	57 J	180 J	100 J
Di-n-octyl phthalate	50,000	9.4 U	11 U	8.9 U	9 U	9 U	11 U	9 U	8.9 U	9.2 U	9.1 U
Benzo(b)fluoranthene	1,100	21 U	25 U	***1400***	20 U	20 U	26 U	44 J	20 U	220 J	20 U
Benzo(k)fluoranthene	1,100	13 U	16 U	700 J	13 U	13 U	16 U	13 U	51 J	120 J	13 U
Benzo(a)pyrene	61 or MDL	6.8 U	8 U	***1300***	6.5 U	6.5 U	8.3 U	42 J	50 J	***190*** J	6.5 U
Indeno(1,2,3-cd)pyrene	3,200	9.5 U	11 U	690	9.1 U	9.1 U	12 U	9.1 U	9 U	63 J	9.2 U
Dibenz(a,h)anthracene	14 or MDL	12 U	14 U	***120*** J	11 U	11 U	14 U	11 U	11 U	11 U	11 U
Benzo(g,h,i)perylene	50,000	17 U	20 U	750	16 U	16 U	21 U	16 U	16 U	73 J	17 U
Total Confident Conc. SVOC	500,000	45	68	13,990	161	-	-	86	1,031	2,706	1,154
Carcinogenic SVOCs in BaP Equivalents		ND	ND	1,747	ND	ND	ND	46.4	56	242.5	ND

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-15	SB-15	SB-18	SB-18	SB-18	SB-53	SB-53	SB-53	SB-54	SB-54
Sample Interval (Feet bgs)		17 to 19	23 to 25	7.3 to 7.9	28.5 to 29	42.5 to 43	6 to 7	8.3 to 9.3	14 to 15	3 to 4	5 to 6
Sampling Date		08/19/04	08/19/04	07/21/04	07/21/04	07/21/04	03/24/05	03/24/05	03/24/05	03/23/05	03/24/05
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Benzaldehyde	NC	3800 U	51 U	39 U	380 U	49 U	170 U	39 U	36 U	39 U	350 U
Phenol	30 or MDL	1600 U	22 U	16 U	160 U	21 U	72 U	17 U	15 U	17 U	150 U
bis(2-Chloroethyl)ether	NC	1900 U	25 U	19 U	190 U	25 U	86 U	20 U	18 U	20 U	170 U
2-Chlorophenol	800	1700 U	22 U	17 U	170 U	22 U	75 U	17 U	16 U	17 U	150 U
2-Methylphenol	100 or MDL	2400 U	33 U	25 U	250 U	32 U	110 U	25 U	23 U	25 U	220 U
2,2-oxybis(1-Chloropropane)	NC	2100 U	28 U	21 U	210 U	27 U	94 U	21 U	20 U	22 U	190 U
Acetophenone	NC	2000 U	27 U	21 U	200 U	26 U	91 U	21 U	19 U	21 U	190 U
3+4-Methylphenols	900	1800 U	24 U	18 U	180 U	23 U	80 U	18 U	17 U	18 U	160 U
N-Nitroso-di-n-propylamine	NC	1700 U	23 U	17 U	170 U	22 U	77 U	18 U	16 U	18 U	160 U
Hexachloroethane	NC	1900 U	25 U	19 U	190 U	24 U	83 U	19 U	18 U	19 U	170 U
Nitrobenzene	200 or MDL	2000 U	26 U	20 U	200 U	25 U	88 U	20 U	19 U	20 U	180 U
Isophorone	4,400	1400 U	19 U	15 U	150 U	19 U	65 U	15 U	14 U	15 U	130 U
2-Nitrophenol	330 or MDL	1600 U	21 U	16 U	160 U	20 U	70 U	16 U	15 U	16 U	140 U
2,4-Dimethylphenol	NC	44000	340 J	21 U	210 U	27 U	94 U	21 U	20 U	22 U	190 U
bis(2-Chloroethoxy)methane	NC	1800 U	24 U	18 U	180 U	23 U	79 U	18 U	17 U	18 U	160 U
2,4-Dichlorophenol	400	1400 U	18 U	14 U	140 U	18 U	61 U	14 U	13 U	14 U	120 U
Naphthalene	13,000	***4700000*** J	***32000*** D	8.6 U	3300 J	11 U	12000	8.6 U	8 U	90 J	***14000***
4-Chloroaniline	220 or MDL	14000 U	190 U	150 U	1400 U	190 U	640 U	150 U	140 U	150 U	1300 U
Hexachlorobutadiene	NC	1400 U	18 U	14 U	140 U	18 U	61 U	14 U	13 U	14 U	120 U
Caprolatam	NC	1400 U	19 U	15 U	140 U	18 U	64 U	15 U	14 U	15 U	130 U
4-Chloro-3-methylphenol	240 or MDL	1100 U	15 U	12 U	120 U	15 U	51 U	12 U	11 U	12 U	110 U
2-Methylnaphthalene	36,400	***1700000*** J	13000 D	6.8 U	1600 J	8.6 U	6400	6.8 U	6.3 U	49 J	11000
Hexachlorocyclopentadiene	NC	970 UJ	13 UJ	9.9 UJ	98 UJ	13 UJ	44 UJ	10 UJ	9.2 UJ	10 UJ	89 UJ
2,4,6-Trichlorophenol	NC	1400 U	19 U	14 U	140 U	18 U	63 U	14 U	13 U	14 U	130 U
2,4,5-Trichlorophenol	100	2600 U	34 U	26 U	260 U	33 U	120 U	26 U	24 U	26 U	230 U
1,1-Biphenyl	NC	1100 U	15 U	12 U	420 J	15 U	1200 J	12 U	11 U	12 U	1200 J
2-Chloronaphthalene	NC	810 U	11 U	8.2 U	82 U	10 U	36 U	8.3 U	7.7 U	8.3 U	74 U
2-Nitroaniline	430 or MDL	1400 U	19 U	14 U	140 U	18 U	63 U	14 U	13 U	14 U	130 U
Dimethylphthalate	2,000	930 U	12 U	9.4 U	94 U	12 U	41 U	9.5 U	8.8 U	9.5 U	85 U
Acenaphthylene	41,000	***530000*** J	3300	12 U	1400 J	15 U	240 J	12 U	11 U	62 J	110 U
2,6-Dinitrotoluene	1,000	1700 U	22 U	17 U	170 U	21 U	74 U	17 U	16 U	17 U	150 U
3-Nitroaniline	500 or MDL	6300 U	83 U	64 U	630 U	81 U	280 U	64 U	59 U	64 U	570 U
Acenaphthene	50,000	***240000*** J	2900	8.7 U	1800 J	11 U	5500	8.8 U	8.1 U	52 J	9200
2,4-Dinitrophenol	200 or MDL	1700 U	23 U	17 U	170 U	22 U	77 U	18 U	16 U	18 UJ	160 U
4-Nitrophenol	100 or MDL	***33000*** J	50 U	39 U	***1300*** J	49 U	170 U	39 U	36 U	39 U	350 U
Dibenzofuran	6,200	***420000*** J	3300	13 U	1400 J	17 U	6200	13 U	12 U	52 J	***6400***
2,4-Dinitrotoluene	1,000	770 U	10 U	7.9 U	78 U	10 U	35 U	7.9 U	7.3 U	7.9 U	71 U
Diethylphthalate	7,100	1200 U	16 U	12 U	120 U	16 U	55 U	12 U	12 U	13 U	110 U
4-Chlorophenyl-phenylether	NC	960 U	13 U	9.8 U	97 U	12 U	43 U	9.8 U	9.1 U	9.9 U	88 U
Fluorene	50,000	***830000*** J	6900 D	11 U	2900 J	14 U	5800	11 U	10 U	84 J	9100
4-Nitroaniline	NC	3000 U	40 U	31 U	310 U	39 U	140 U	31 U	29 U	31 U	280 U
4,6-Dinitro-2-methylphenol	NC	2200 U	30 U	23 U	230 U	29 U	100 U	23 U	21 U	23 UJ	210 U
N-Nitrosodiphenylamine	NC	980 U	13 U	10 U	99 U	13 U	44 U	10 U	9.3 U	10 U	90 U
4-Bromophenyl-phenylether	NC	1000 U	14 U	10 U	100 U	13 U	46 U	10 U	9.7 U	10 U	93 U
Hexachlorobenzene	410	730 U	9.7 U	7.4 U	73 U	9.4 U	33 U	7.4 U	6.9 U	7.5 U	66 U
Atrazine	NC	1200 U	16 U	12 U	120 U	15 U	53 U	12 U	11 U	12 U	110 U
Pentachlorophenol	1000 or MDL	1200 U	16 U	12 U	120 U	16 U	54 U	12 U	11 U	12 U	110 U
Phenanthrene	50,000	***1300000*** DJ	11000 DJ	310 J	7800	62 J	42000 D	52 J	8.2 U	1200	***61000*** D
Anthracene	50,000	***610000*** J	5000 D	96 J	2500 J	12 U	9600	9.5 U	8.8 U	210 J	17000
Carbazole	NC	190000 J	2100	8.7 U	590 J	11 U	4500	8.8 U	8.1 U	67 J	7500

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-15	SB-15	SB-18	SB-18	SB-18	SB-53	SB-53	SB-53	SB-54	SB-54
Sample Interval (Feet bgs)		17 to 19	23 to 25	7.3 to 7.9	28.5 to 29	42.5 to 43	6 to 7	8.3 to 9.3	14 to 15	3 to 4	5 to 6
Sampling Date		08/19/04	08/19/04	07/21/04	07/21/04	07/21/04	03/24/05	03/24/05	03/24/05	03/23/05	03/24/05
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO										
Di-n-butylphthalate	8,100	520 U	6.9 U	5.3 U	52 U	6.7 U	23 U	5.3 U	4.9 U	5.3 U	47 U
Fluoranthene	50,000	***750000*** J	6400 D	390 J	5100	7 U	33000 D	5.5 U	5.1 U	1900 J	48000 D
Pyrene	50,000	***830000*** J	7600 D	430	5600	8.9 U	26000 D	7.1 U	6.6 U	1600	40000 D
Butylbenzylphthalate	50,000	1300 U	17 U	13 U	130 U	17 U	58 U	13 U	12 U	13 U	120 U
3,3-Dichlorobenzidine	NA	6200 U	83 U	63 U	630 U	80 U	280 U	64 U	59 U	64 U	570 U
Benzo(a)anthracene	224 or MDL	***410000*** J	***3600***	210 J	***3100*** J	7.6 U	***12000***	6 U	5.6 U	***1400***	***19000***
Chrysene	400	***360000*** J	***3000***	190 J	***2400*** J	16 U	***10000***	13 U	12 U	***1100***	***17000***
bis(2-Ethylhexyl)phthalate	50,000	890 U	62 J	72 J	90 U	120 J	40 U	78 J	51 J	9.2 U	82 U
Di-n-octyl phthalate	50,000	930 U	12 U	9.4 U	94 U	12 U	41 U	9.5 U	8.8 U	9.5 U	85 U
Benzo(b)fluoranthene	1,100	***290000*** J	***2300***	190 J	***2200*** J	27 U	***12000*** DJ	21 U	20 U	***1500*** J	***26000*** J
Benzo(k)fluoranthene	1,100	***98000*** J	1100 J	110 J	***1200*** J	17 U	***4500***	14 U	13 U	650	***7500***
Benzo(a)pyrene	61 or MDL	***270000*** J	***2300***	***110*** J	***2000*** J	8.6 U	***10000***	6.8 U	6.3 U	***1400*** J	***18000***
Indeno(1,2,3-cd)pyrene	3,200	***60000*** J	550	89 J	560 J	12 U	2300 J	9.6 U	8.9 U	470 J	***3500*** J
Dibenz(a,h)anthracene	14 or MDL	***17000*** J	***160*** J	12 U	110 U	15 U	***560*** J	12 U	11 U	***140*** J	***820*** J
Benzo(g,h,i)perylene	50,000	***67000*** J	620	81 J	630 J	22 U	3400	17 U	16 U	630	5100
Total Confident Conc. SVOC	500,000	***13,749,000***	75,532	2,278	47,800	182	207,200	130	51	12,656	321,320
Carcinogenic SVOCs in BaP Equivalents		367,580	3,146	173.9	2,622	ND	13,335	ND	ND	1,894.5	23,915

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-54	SB-54	SB-55	SB-56	SB-55	SB-55
Sample Interval (Feet bgs)		9 to 10	19 to 21	2 to 3	2 to 3	5 to 6	8 to 9
Sampling Date		03/24/05	03/24/05	03/23/05	03/23/05	03/25/05	03/25/05
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO						
Benzaldehyde	NC	37 U	37 U	150 U	390 U	34 U	36 U
Phenol	30 or MDL	16 U	16 U	64 U	170 U	15 U	15 U
bis(2-Chloroethyl)ether	NC	18 U	18 U	76 U	200 U	17 U	18 U
2-Chlorophenol	800	16 U	16 U	67 U	170 U	15 U	16 U
2-Methylphenol	100 or MDL	24 U	24 U	98 U	250 U	22 U	23 U
2,2-oxybis(1-Chloropropane)	NC	20 U	20 U	84 U	220 U	19 U	20 U
Acetophenone	NC	20 U	20 U	81 U	210 U	18 U	19 U
3+4-Methylphenols	900	17 U	17 U	71 U	180 U	16 U	17 U
N-Nitroso-di-n-propylamine	NC	17 U	17 U	68 U	180 U	15 U	16 U
Hexachloroethane	NC	18 U	18 U	74 U	190 U	17 U	18 U
Nitrobenzene	200 or MDL	19 U	19 U	78 U	200 U	18 U	19 U
Isophorone	4,400	14 U	14 U	57 U	150 U	13 U	14 U
2-Nitrophenol	330 or MDL	15 U	15 U	62 U	160 U	14 U	15 U
2,4-Dimethylphenol	NC	20 U	20 U	84 U	220 U	19 U	20 U
bis(2-Chloroethoxy)methane	NC	17 U	17 U	70 U	180 U	16 U	17 U
2,4-Dichlorophenol	400	13 U	13 U	54 U	140 U	12 U	13 U
Naphthalene	13,000	8.1 U	120 J	4300	***23000***	470	8 U
4-Chloroaniline	220 or MDL	140 U	140 U	570 U	1500 U	130 U	140 U
Hexachlorobutadiene	NC	13 U	13 U	54 U	140 U	12 U	13 U
Caprolatam	NC	14 U	14 U	57 U	150 U	13 U	14 U
4-Chloro-3-methylphenol	240 or MDL	11 U	11 U	46 U	120 U	10 U	11 U
2-Methylnaphthalene	36,400	6.4 U	72 J	3700	19000	300 J	6.3 U
Hexachlorocyclopentadiene	NC	9.4 UJ	9.4 UJ	39 UJ	100 UJ	8.8 UJ	9.2 UJ
2,4,6-Trichlorophenol	NC	14 U	14 U	56 U	150 U	13 U	13 U
2,4,5-Trichlorophenol	100	25 U	25 U	100 U	270 U	23 U	24 U
1,1-Biphenyl	NC	11 U	11 U	520 J	2600 J	48 J	11 U
2-Chloronaphthalene	NC	7.8 U	7.8 U	32 U	84 U	7.3 U	7.7 U
2-Nitroaniline	430 or MDL	14 U	14 U	56 U	150 U	13 U	13 U
Dimethylphthalate	2,000	8.9 U	8.9 U	37 U	96 U	8.4 U	8.8 U
Acenaphthylene	41,000	11 U	11 U	250 J	120 U	10 U	11 U
2,6-Dinitrotoluene	1,000	16 U	16 U	66 U	170 U	15 U	16 U
3-Nitroaniline	500 or MDL	60 U	60 U	250 U	650 U	57 U	59 U
Acenaphthene	50,000	8.3 U	53 J	4100	18000	260 J	8.1 U
2,4-Dinitrophenol	200 or MDL	17 U	17 U	68 U	180 U	15 U	16 U
4-Nitrophenol	100 or MDL	37 U	37 U	150 U	390 U	34 U	36 U
Dibenzofuran	6,200	12 U	38 J	2700	***12000***	190 J	12 U
2,4-Dinitrotoluene	1,000	7.5 U	7.5 U	31 U	80 U	80 U	80 U
Diethylphthalate	7,100	12 U	12 U	49 U	130 U	11 U	12 U
4-Chlorophenyl-phenylether	NC	9.3 U	9.3 U	38 U	100 U	8.7 U	9.1 U
Fluorene	50,000	11 U	50 J	3600	17000	260 J	10 U
4-Nitroaniline	NC	29 U	29 U	120 U	310 U	27 U	29 U
4,6-Dinitro-2-methylphenol	NC	22 U	22 U	90 U	230 U	20 U	21 U
N-Nitrosodiphenylamine	NC	9.5 U	9.5 U	39 U	100 U	8.9 U	9.3 U
4-Bromophenyl-phenylether	NC	9.8 U	9.8 U	41 U	110 U	9.2 U	9.7 U
Hexachlorobenzene	410	7 U	7 U	29 U	75 U	6.6 U	6.9 U
Atrazine	NC	11 U	11 U	47 U	120 U	11 U	11 U
Pentachlorophenol	1000 or MDL	12 U	12 U	48 U	120 U	11 U	11 U
Phenanthrene	50,000	8.4 U	340 J	32000 D	***110000*** D	2000	63 J
Anthracene	50,000	8.9 U	83 J	9600	30000	390	8.8 U
Carbazole	NC	8.3 U	50 J	3800	11000	180 J	8.1 U

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-54	SB-54	SB-55	SB-56	SB-55	SB-55
Sample Interval (Feet bgs)		9 to 10	19 to 21	2 to 3	2 to 3	5 to 6	8 to 9
Sampling Date		03/24/05	03/24/05	03/23/05	03/23/05	03/25/05	03/25/05
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO						
Di-n-butylphthalate	8,100	5 U	5 U	21 U	53 U	4.7 U	4.9 U
Fluoranthene	50,000	5.2 U	260 J	33000 D	***86000*** D	1500	52 J
Pyrene	50,000	6.7 U	220 J	25000 D	***72000*** D	1300	52 J
Butylbenzylphthalate	50,000	13 U	13 U	52 U	130 U	12 U	12 U
3,3-Dichlorobenzidine	NA	60 U	60 U	250 U	640 U	56 U	59 U
Benzo(a)anthracene	224 or MDL	5.7 U	120 J	***13000*** D	***30000***	***610***	5.6 U
Chrysene	400	12 U	87 J	***12000***	***26000***	***440***	12 U
bis(2-Ethylhexyl)phthalate	50,000	190 J	53 J	210 J	92 U	160 J	280 J
Di-n-octyl phthalate	50,000	8.9 U	8.9 U	37 U	96 U	8.4 U	8.8 U
Benzo(b)fluoranthene	1,100	20 U	110 J	***14000*** DL	***29000*** DJ	550 J	20 U
Benzo(k)fluoranthene	1,100	13 U	41 J	***4900***	***12000***	200 J	13 U
Benzo(a)pyrene	61 or MDL	6.4 U	***98*** J	***11000*** D	***30000***	***460***	6.3 U
Indeno(1,2,3-cd)pyrene	3,200	9 U	45 J	3000 J	***5600*** J	250 J	8.9 U
Dibenz(a,h)anthracene	14 or MDL	11 U	11 U	***510*** J	***1100*** J	***46*** J	11 U
Benzo(g,h,i)perylene	50,000	16 U	60 J	3800	7800	330 J	16 U
Total Confident Conc. SVOC	500,000	190	1,900	184,780	***542,100***	9,944	447
Carcinogenic SVOCs in BaP Equivalents		ND	126.8	14,679	37,940	653.4	ND

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-55							
Sample Interval (Feet bgs)		19 to 20							
Sampling Date		03/25/05							
Units		ug/Kg							
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Benzaldehyde	NC	39 U	58	0	0%	0	0%	< 33	< 3,800
Phenol	30 or MDL	17 U	58	0	0%	0	0%	< 14	< 1,600
bis(2-Chloroethyl)ether	NC	20 U	58	0	0%	0	0%	< 17	< 1,900
2-Chlorophenol	800	17 U	58	0	0%	0	0%	< 15	< 1,700
2-Methylphenol	100 or MDL	25 U	58	1	2%	1	2%	< 21	< 2,400
2,2-oxybis(1-Chloropropane)	NC	22 U	58	0	0%	0	0%	< 18	< 2,100
Acetophenone	NC	21 U	58	0	0%	0	0%	< 18	< 2,000
3+4-Methylphenols	900	18 U	58	2	3%	1	2%	< 16	< 1,800
N-Nitroso-di-n-propylamine	NC	18 U	58	0	0%	0	0%	< 15	< 1,700
Hexachloroethane	NC	19 U	58	0	0%	0	0%	< 16	< 1,900
Nitrobenzene	200 or MDL	20 U	58	0	0%	0	0%	< 17	< 2,000
Isophorone	4,400	15 U	58	0	0%	0	0%	< 13	< 1,400
2-Nitrophenol	330 or MDL	16 U	58	0	0%	0	0%	< 14	< 1,600
2,4-Dimethylphenol	NC	22 U	58	2	3%	0	0%	< 18	44,000
bis(2-Chloroethoxy)methane	NC	18 U	58	0	0%	0	0%	< 15	< 1,800
2,4-Dichlorophenol	400	14 U	58	0	0%	0	0%	< 12	< 1,400
Naphthalene	13,000	8.7 U	58	26	45%	6	10%	< 7.4	4,700,000
4-Chloroaniline	220 or MDL	150 U	58	0	0%	0	0%	< 130	< 14,000
Hexachlorobutadiene	NC	14 U	58	0	0%	0	0%	< 12	< 1,400
Caprolatam	NC	15 U	58	0	0%	0	0%	< 12	< 1,400
4-Chloro-3-methylphenol	240 or MDL	12 U	58	0	0%	0	0%	< 10	< 1,100
2-Methylnaphthalene	36,400	6.9 U	58	24	41%	2	3%	< 5.8	1,700,000
Hexachlorocyclopentadiene	NC	10 UJ	58	0	0%	0	0%	< 8.5	< 970
2,4,6-Trichlorophenol	NC	14 U	58	0	0%	0	0%	< 12	< 1,400
2,4,5-Trichlorophenol	100	26 U	58	0	0%	0	0%	< 22	< 2,600
1,1-Biphenyl	NC	12 U	58	10	17%	0	0%	< 10	7,700
2-Chloronaphthalene	NC	8.3 U	58	0	0%	0	0%	< 7.1	< 810
2-Nitroaniline	430 or MDL	14 U	58	0	0%	0	0%	< 12	< 1,400
Dimethylphthalate	2,000	9.5 U	58	0	0%	0	0%	< 8.1	< 930
Acenaphthylene	41,000	12 U	58	11	19%	1	2%	< 10	530,000
2,6-Dinitrotoluene	1,000	17 U	58	0	0%	0	0%	< 14	< 1,700
3-Nitroaniline	500 or MDL	64 U	58	0	0%	0	0%	< 55	< 6,300
Acenaphthene	50,000	8.8 U	58	23	40%	1	2%	< 7.5	240,000
2,4-Dinitrophenol	200 or MDL	18 U	58	0	0%	0	0%	< 15	< 1,700
4-Nitrophenol	100 or MDL	39 U	58	2	3%	2	3%	< 33	33,000
Dibenzofuran	6,200	13 U	58	20	34%	4	7%	< 11	420,000
2,4-Dinitrotoluene	1,000	400 UD	58	0	0%	0	0%	< 6.8	< 770
Diethylphthalate	7,100	13 U	58	0	0%	0	0%	< 11	< 1,200
4-Chlorophenyl-phenylether	NC	9.9 U	58	0	0%	0	0%	< 8.4	< 960
Fluorene	50,000	11 U	58	23	40%	1	2%	< 9.6	830,000
4-Nitroaniline	NC	31 U	58	0	0%	0	0%	< 27	< 3,000
4,6-Dinitro-2-methylphenol	NC	23 U	58	0	0%	0	0%	< 20	< 2,200
N-Nitrosodiphenylamine	NC	10 U	58	0	0%	0	0%	< 8.6	< 980
4-Bromophenyl-phenylether	NC	10 U	58	0	0%	0	0%	< 8.9	< 1,000
Hexachlorobenzene	410	7.5 U	58	0	0%	0	0%	< 6.3	< 730
Atrazine	NC	12 U	58	0	0%	0	0%	< 10	< 1,200
Pentachlorophenol	1000 or MDL	12 U	58	0	0%	0	0%	< 11	< 1,200
Phenanthrene	50,000	8.9 U	58	34	59%	4	7%	< 8.2	1,300,000
Anthracene	50,000	9.5 U	58	25	43%	1	2%	< 8.4	610,000
Carbazole	NC	8.8 U	58	19	33%	0	0%	< 7.5	190,000

Summary of Semi-Volatile Organic Compounds in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-13

Sample Location		SB-55							
Sample Interval (Feet bgs)		19 to 20							
Sampling Date		03/25/05							
Units		ug/Kg							
Semivolatile Organic Compounds (ug/kg)	TAGM RSCO		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Di-n-butylphthalate	8,100	5.3 U	58	0	0%	0	0%	< 4.5	< 520
Fluoranthene	50,000	5.5 U	58	29	50%	2	3%	< 4.9	750,000
Pyrene	50,000	7.1 U	58	29	50%	2	3%	< 6.3	830,000
Butylbenzylphthalate	50,000	13 U	58	2	3%	0	0%	< 12	1,300
3,3-Dichlorobenzidine	NA	64 U	58	0	0%	0	0%	< 54	< 6,200
Benzo(a)anthracene	224 or MDL	6 U	58	25	43%	17	29%	< 5.3	410,000
Chrysene	400	13 U	58	25	43%	15	26%	< 11	360,000
bis(2-Ethylhexyl)phthalate	50,000	180 J	58	34	59%	0	0%	< 8.1	890
Di-n-octyl phthalate	50,000	9.5 U	58	1	2%	0	0%	< 8.1	< 930
Benzo(b)fluoranthene	1,100	21 U	58	25	43%	14	24%	< 19	290,000
Benzo(k)fluoranthene	1,100	14 U	58	22	38%	9	16%	< 12	98,000
Benzo(a)pyrene	61 or MDL	6.9 U	58	25	43%	21	36%	< 6.1	270,000
Indeno(1,2,3-cd)pyrene	3,200	9.6 U	58	21	36%	3	5%	< 8.2	60,000
Dibenz(a,h)anthracene	14 or MDL	12 U	58	13	22%	13	22%	< 9.9	17,000
Benzo(g,h,i)perylene	50,000	17 U	58	22	38%	1	2%	< 15	67,000
Total Confident Conc. SVOC	500,000	180							
Carcinogenic SVOCs in BaP Equivalents		ND							

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		TP2	SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-8	SB-8	SB-9	SB-9
Sample Interval (Feet bgs)		10 to 11	6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	11 to 11.5	14.5 to 15	4 to 5	8 to 10
Sampling Date		09/12/04	07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	08/11/04	08/11/04	09/12/04	09/18/04
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		1	1	1	1	1	1	1	1.0	1.0	1.0	1
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PP Metals	TAGM RSCO											
Antimony	B	0.673 U	0.701 U	0.665 U	0.672 U	0.71 U	0.68 U	0.609 U	0.619 U	0.684 U	0.619 U	0.64 U
Arsenic	12	1.88	3.19	1.11 J	0.283 U	0.299 U	2.61	1.7	0.309 J	0.434 J	1.94 J	1.79
Beryllium	600	0.285 J	0.73	0.524 J	0.37 J	0.634 J	0.621	0.475 J	0.381 J	0.326 J	0.322 J	0.391 J
Cadmium	1	0.055 U	0.482 J	0.054 U	0.055 U	0.058 U	0.379 J	0.244 J	0.662	0.893	0.051 U	0.052 U
Chromium	40	10.9	16.9	13.5	5.32	10.4	15.8	16.5	14.7	26.3	12.6	14.7
Copper	50	11.9	18.2	12.1	6.24	10.1	17	16.2	12.8	8	16	18.1
Lead	500	13.3	16.4	5.86	3.05	9.2	11.7	7.89	11.5	7.28	21.9	14.5 J
Mercury	0.1	0.24 U	0.04 J	0.02	0.01 U	0.01 U	0.03 J	0.02 J	0.02 J	0.01 J	0.22 U	***0.11*** J
Nickel	25	11.6	16.7	9.81	10.7	13.7	15.5	14.3	12.5	11.7	12.3	16.5
Selenium	3.9	0.54 J	1.1 J	0.37 U	0.373 U	0.395 U	0.656 J	0.408 J	0.344 U	1.05 J	0.606 J	0.525 J
Silver	B	0.126 U	0.131 U	0.124 U	0.125 U	0.132 U	0.127 U	0.113 U	0.116 U	0.183 J	0.116 U	0.119 U
Thallium	B	0.395 U	0.544 J	0.39 U	0.394 U	0.416 U	0.399 J	0.357 J	0.363 U	0.401 U	0.363 U	0.375 U
Zinc	50	29.1	46.6	17.7 J	9.31 J	24 J	41.5	21.7	21.9	31.1	32.1	39.1

Sample Location		TP2	SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-8	SB-8	SB-9	SB-9
Sample Interval (Feet bgs)		10 to 11	6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	11 to 11.5	14.5 to 15	4 to 5	8 to 10
Sampling Date		09/12/04	07/09/04	8/9/04	8/9/04	8/9/04	07/09/04	07/09/04	8/11/04	8/11/04	09/12/04	09/18/04
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	TAGM RSCO											
Cyanide	NC	0.6 U	0.628 U	0.6 U	0.6 U	0.63 U	0.603 U	0.545 U	1.06 J	0.61 UJ	0.55 U	0.57 U
Amenable Cyanide	NC	0.6 U	0.63 U	0.6 U	0.6 U	0.63 U	0.6 U	0.55 U	0.56 UJ	0.61 UJ	0.55 U	0.57 U

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		SB-9	SB-9	SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)		20 to 22	26 to 28	32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		1	1	1	1.0	1	1.0	1.0	1.0	1.0	1.0	1.0
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PP Metals	TAGM RSCO											
Antimony	B	0.694 U	0.657 U	0.688 U	0.632 U	0.623 U	0.649 U	0.661 U	0.691 U	0.625 UJ	1.02 J	1.79 J
Arsenic	12	4.91	1.7	1.53	1.7 J	2.42	4.02	2.47	2.01	3.15 J	1.56	3.85
Beryllium	600	0.289 J	0.475 J	0.251 J	0.281 J	0.255 J	0.25 J	0.21 J	0.457 J	0.374 J	0.302 J	0.32 J
Cadmium	1	0.057 U	0.054 U	0.056 U	0.052 U	0.051 U	0.053 U	0.054 U	0.056 U	0.051 U	0.055 U	0.057 U
Chromium	40	14.9	15.7	16.1	12.4	11.3	10.4	11.6	20.6	14.8	13	12
Copper	50	12.4	16.1	9.37	19.3	26.5	26.5	6.65	18.3	20.3 J	15.2	20.2
Lead	500	***677*** J	88.6 J	4.31 J	53.6	55.3 J	40.4 J	21.6 J	7.51 J	110 J	15.8 J	***1740*** J
Mercury	0.1	0.05 J	0.01 J	0.01 UJ	0.22 U	0.09 J	0.07 J	0.01 UJ	0.01 J	***0.48*** J	0.03 J	0.02 J
Nickel	25	14	16.5	7.86	13.5	11.6	11.5	5.82	***26.8***	15.3	13.3	12.2
Selenium	3.9	0.565 J	0.527 J	0.383 U	0.838 J	0.347 U	0.653 J	0.368 U	0.384 U	0.878 J	0.387 J	0.389 U
Silver	B	0.129 U	0.123 U	0.128 U	0.118 U	0.116 U	0.121 U	0.123 U	0.129 U	0.117 U	1.46	0.131 U
Thallium	B	0.407 U	0.385 U	0.403 U	0.37 U	0.365 U	0.381 U	0.388 U	0.405 U	0.366 U	0.395 U	0.41 U
Zinc	50	***66.9***	30.9	11.6	41.5	***50.5***	50	11.3	33.9	***59.5***	30.2	***69.4***

Sample Location		SB-9	SB-9	SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)		20 to 22	26 to 28	32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29
Sampling Date		09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	TAGM RSCO											
Cyanide	NC	31	0.58 U	0.62 U	0.56 U	0.55 U	0.58 U	2.08	0.61 U	0.55 U	0.6 U	45 R
Amenable Cyanide	NC	10.5	0.58 U	0.62 U	0.56 U	0.55 U	0.58 U	0.59 U	0.61 U	0.55 U	0.6 U	7.9 R

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		SB-11	SB-11	SB-12	SB-12	SB-12	SB-12	SB-12	SB-13	SB-13	SB-13	SB-13	SB-14
Sample Interval (Feet bgs)		35 to 37	37 to 39	5 to 7	7 to 9	15 to 17	25 to 27	49 to 51	6 to 6.5	25 to 27	25 to 27	27 to 29	4 to 5
Sampling Date		09/18/04	09/18/04	09/11/04	09/11/04	09/11/04	09/12/04	09/12/04	07/12/04	10/10/04	10/10/04	10/10/04	09/11/04
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		1.0	1	1	1	1	1	1.0	1	1	1	1	1
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PP Metals	TAGM RSCO										Blind Duplicate		
Antimony	B	0.672 U	0.664 U	0.581 U	0.584 U	0.692 U	0.783 U	0.658 U	0.668 U	0.654 U	0.675 U	0.794 U	0.643 U
Arsenic	12	2.26	0.295 J	1.83 J	1.55 J	2.63 J	7.78 J	1.03 J	2.85	2.04	1.87	11.4	3.72 J
Beryllium	600	0.43 J	0.214 J	0.185 J	0.149 J	0.341 J	0.496 J	0.171 J	0.505 J	0.477 J	0.394 J	0.606 J	0.309 J
Cadmium	1	0.055 U	0.054 U	0.047 U	0.048 U	0.057 U	0.064 U	0.054 U	***1.01***	0.053 U	0.055 U	0.065 U	0.053 U
Chromium	40	12.9	7.26	10.7	12	16.2	20.4	14.7	13.6	16.4	15.4	22.6	10.5
Copper	50	13.7	5.42	6.29	7.27	17.9	14.6	16.1	22.5	21.8	22.4	15.3	23.4
Lead	500	13.8 J	5.1 J	54.3	68.6	13.6	18.1	2.63	12.9	5.65	13.9	9.7	184
Mercury	0.1	0.01 UJ	0.01 J	0.2 U	0.2 U	0.24 U	0.28 U	0.23 U	0.02	0.019 R	0.023 R	0.008 R	***0.23*** J
Nickel	25	12.1	8.47	5.75	4.31	13.6	18.6	11.4	14.9	14.8	15.2	21.7	13.8
Selenium	3.9	1.25 J	0.369 U	0.675 J	0.415 J	0.713 J	1.72	0.366 U	1.01 J	0.364 U	0.375 U	1.22 J	0.896 J
Silver	B	0.125 U	0.124 U	0.108 U	0.109 U	0.654 J	0.146 U	0.123 U	0.48 J	0.122 U	0.126 U	0.281 J	0.12 U
Thallium	B	0.394 U	0.389 U	0.341 U	0.342 U	0.406 U	0.459 U	0.386 U	0.391 U	0.383 U	0.396 U	0.465 U	0.377 U
Zinc	50	23.4	10.1	34.2	40	28.5	***51.8***	14.9	43.4	25	29.1	***57.8***	35.5

Sample Location		SB-11	SB-11	SB-12	SB-12	SB-12	SB-12	SB-12	SB-13	SB-13	SB-13	SB-13	SB-14
Sample Interval (Feet bgs)		35 to 37	37 to 39	5 to 7	7 to 9	15 to 17	25 to 27	49 to 51	6 to 6.5	25 to 27	25 to 27	27 to 29	4 to 5
Sampling Date		09/18/04	09/18/04	09/11/04	09/11/04	09/11/04	09/12/04	09/12/04	07/12/04	10/10/04	10/10/04	10/10/04	09/11/04
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	TAGM RSCO										Blind Duplicate		
Cyanide	NC	0.6 U	0.602 U	1.24	0.52 U	0.62 U	0.71 U	0.58 U	0.59 U	0.59 U	0.61 U	0.71 U	0.57 U
Amenable Cyanide	NC	0.6 U	0.6 U	0.52 U	0.52 U	0.62 U	0.71 U	0.58 U	0.59 U	0.59 U	0.61 U	0.71 U	0.57 U

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		SB-14	SB-14	SB-14	SB-15	SB-15	SB-15	SB-15	SB-15	SB-15	SB-18	SB-18	SB-18
Sample Interval (Feet bgs)		11 to 13	17 to 19	23 to 25	4 to 5	5 to 6	7 to 9	11 to 13	17 to 19	23 to 25	7.3 to 7.9	28.5 to 29	42.5 to 43
Sampling Date		10/03/04	10/03/04	10/03/04	08/18/04	08/18/04	08/19/04	08/19/04	08/19/04	08/19/04	07/21/04	07/21/04	07/21/04
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		1	1	1.0	1.0	1.0	1	1	1	1.0	1.0	1	1.0
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PP Metals	TAGM RSCO												
Antimony	B	0.648 U	0.63 U	0.823 U	0.649 U	0.636 U	0.664 U	0.654 U	0.66 U	0.892 U	0.669 U	0.674 U	0.867 U
Arsenic	12	1.49	1.19	6.72	1.33	1.15	1.82	1.04 J	1.33	5.14	2.97	3.86	9.53
Beryllium	600	0.328 J	0.324 J	0.589 J	0.446 J	0.501 J	0.357 J	0.595	0.326 J	0.577 J	0.282 J	0.349 J	0.709 J
Cadmium	1	0.053 U	0.051 U	0.067 U	0.053 U	0.052 U	0.054 U	0.053 U	0.054 U	0.204 J	0.43 J	0.912	***2.12***
Chromium	40	10.4	10.5	20.9	12.8	16.3	10.8	14	9.47	17.9	13.3	9.27	21.7
Copper	50	14.3	13.1	13.3	20.9	22.3	37.3	21	8.46	12.5	19.2	***104***	14.8
Lead	500	8.21	5.34	8.72	45.1 J	40	146	17.8	47.6	11.4	39.4	211	15
Mercury	0.1	0.021 R	0.016 R	0.033 R	0.07 J	0.08 J	***0.13*** J	0.03 J	0.01 J	0.03 J	***0.18***	***0.45***	0.02
Nickel	25	9.22	9.07	19.9	19.1	13.9	11.4	15.6	12.3	17.7	9.14	10.6	22.2
Selenium	3.9	1.02 J	0.659 J	1.36 J	1.19	1.14	1.43	0.666 J	0.921 J	1.26 J	0.784 J	1.15 J	1.99
Silver	B	0.121 U	0.286 J	0.154 U	0.121 U	0.119 U	0.124 U	0.122 U	0.123 U	0.234 J	0.125 U	0.257 J	0.553 J
Thallium	B	0.914 J	0.983 J	1.05 J	0.381 U	0.373 U	0.389 U	0.383 U	0.387 U	0.523 U	0.392 U	0.395 U	0.508 U
Zinc	50	20	18.8	***52.8***	25.1	30.4	29	39.4	21.4	***50.1***	43.9	***105***	***65.8***

Sample Location		SB-14	SB-14	SB-14	SB-15	SB-15	SB-15	SB-15	SB-15	SB-15	SB-18	SB-18	SB-18
Sample Interval (Feet bgs)		11 to 13	17 to 19	23 to 25	4 to 5	5 to 6	7 to 9	11 to 13	17 to 19	23 to 25	7.3 to 7.9	28.5 to 29	42.5 to 43
Sampling Date		10/03/04	10/03/04	10/03/04	8/18/04	8/18/04	8/19/04	8/19/04	8/19/04	8/19/04	07/21/04	07/21/04	07/21/04
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	TAGM RSCO												
Cyanide	NC	0.58	0.57	0.73	0.58 U	0.57 U	0.59 U	0.58 U	0.59 U	0.8 U	0.6 U	0.6 U	0.77 U
Amenable Cyanide	NC	0.58	0.57	0.73	0.58 U	0.57 U	0.59 U	0.58 U	0.59 U	0.8 U	0.6 U	0.6 U	0.77 U

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		SB-53	SB-53	SB-53	SB-54	SB-54	SB-54	SB-54	SB-55	SB-55	SB-55	SB-55
Sample Interval (Feet bgs)		6 to 7	8.3 to 9.3	14 to 15	3 to 4	5 to 6	9 to 10	19 to 21	2 to 3	2 to 3	5 to 6	8 to 9
Sampling Date		03/24/05	03/24/05	03/24/05	03/23/05	03/24/05	03/24/05	03/24/05	03/23/05	03/23/05	03/25/05	03/25/05
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor		1	1	1	1.0	1.0	1	1.0	1.0	1.0	1.0	1.0
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PP Metals	TAGM RSCO											
Antimony	B	0.733 U	0.668 U	0.636 U	0.685 U	0.987 J	0.647 U	0.638 U	5.62 J	3.33 J	0.6 U	0.626 U
Arsenic	12	***96.1***	1.7	1.99	***12.3***	***24.6***	2.99	0.785 J	***25.3***	***29.5***	6.27	1.18
Beryllium	600	0.277 J	0.431 J	0.294 J	0.575 J	0.294 J	0.449 J	0.225 J	0.291 J	0.25 J	0.262 J	0.344 J
Cadmium	1	0.262 J	0.625	0.235 J	0.056 U	0.131 J	0.053 U	0.052 U	0.246 J	0.057 U	0.049 U	0.051 U
Chromium	40	22	14.7	16.6	11.8	15.7	14.5	9.77	14.5	13.9	13.7	11.1
Copper	50	***60.1***	49.1	34.6	***60.6***	***53***	13	9.76	***94.5***	***99.6***	25.5	12.2
Lead	500	430	3.9	3.96	123	281	7.59	5.89	486	***869***	21.8	3.11
Mercury	0.1	***0.27***	0.007 U	0.013	***0.147*** J	***0.325***	0.01 J	0.007 U	***0.807***	***1.1***	0.035	0.007 U
Nickel	25	3.49 J	15.1	22.6	11.8	12.7	14.8	8.88	20.9	13.3	9.96	10.7
Selenium	3.9	***4.73***	0.372 U	0.354 U	0.502 J	1.08	0.36 U	0.354 U	1.12 J	2.07	0.334 U	0.348 U
Silver	B	1.88	0.125 U	0.119 U	0.985 J	0.11 U	0.121 U	0.119 U	4.11	0.129 U	0.112 U	0.117 U
Thallium	B	0.43 UJ	0.392 UJ	0.373 UJ	0.401 UJ	0.377 J	0.379 UJ	1.29 J	0.382 UJ	0.43 J	0.352 UJ	1.62 J
Zinc	50	***66.1***	***124***	***82***	***60.6***	***196***	25.2	15	***308***	***424***	***61.7***	39.9

Sample Location		SB-53	SB-53	SB-53	SB-54	SB-54	SB-54	SB-54	SB-55	SB-55	SB-55	SB-55
Sample Interval (Feet bgs)		6 to 7	8.3 to 9.3	14 to 15	3 to 4	5 to 6	9 to 10	19 to 21	2 to 3	2 to 3	5 to 6	8 to 9
Sampling Date		03/24/05	03/24/05	03/24/05	03/23/05	03/24/05	03/24/05	03/24/05	03/23/05	03/23/05	03/25/05	03/25/05
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg Duplicate	mg/Kg	mg/Kg
	TAGM RSCO											
Cyanide	NC	160	0.893	0.565 U	2.66 J	38	0.575 U	0.566 U	22	28	1.12	0.561 U
Amenable Cyanide	NC	12.6	0.6 U	0.56 U	0.61 U	2.1	0.57 U	0.57 U	6.9	0.62 U	0.53 U	0.56 U

Summary of Metals and Cyanide in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-14

Sample Location		**SB-55**							
Sample Interval (Feet bgs)		19 to 20							
Sampling Date		03/25/05							
Matrix		SOIL							
Dilution Factor		1.0							
Units		mg/Kg							
PP Metals	TAGM RSCO		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Antimony	B	0.683 U	58	5	9%	0	0%	< 0.581	5.62
Arsenic	12	1.36	58	56	97%	5	9%	< 0.283	96.1
Beryllium	600	0.357 J	58	58	100%	0	0%	0.149	0.73
Cadmium	1	0.056 U	58	15	26%	2	3%	< 0.047	2.12
Chromium	40	14	58	58	100%	0	0%	5.32	26.3
Copper	50	15.4	58	58	100%	6	10%	5.42	104
Lead	500	21	58	58	100%	3	5%	2.63	1,740
Mercury	0.1	0.029	58	42	72%	11	19%	< 0.007	1.1
Nickel	25	12.8	58	58	100%	1	2%	3.49	26.8
Selenium	3.9	0.38 U	58	38	66%	1	2%	< 0.334	4.73
Silver	B	1.56	58	13	22%	0	0%	< 0.108	4.11
Thallium	B	1.28 J	58	11	19%	0	0%	< 0.341	1.62
Zinc	50	36.7	58	58	100%	18	31%	9.31	424

Sample Location		**SB-55**							
Sample Interval (Feet bgs)		19 to 20							
Sampling Date		03/25/05							
Units		mg/Kg							
	TAGM RSCO		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Cyanide	NC	0.613 U	58	15	26%	0	0%	< 0.52	160
Amenable Cyanide	NC	0.61 U	58	8	14%	0	0%	< 0.52	12.6

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-9	SB-9	SB-9	SB-9
Sample Interval (Feet bgs)		6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	4 to 5	8 to 10	20 to 22	26 to 28
Sampling Date		07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	09/12/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Pesticides (ug/Kg)	TAGM RSCO										
alpha-BHC	110	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.2 U	1.2 U	1.3 U	1.4 U	1.3 U
beta-BHC	200	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.2 U	1.3 U	1.3 U	1.4 U	1.3 U
delta-BHC	300	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.95 U	0.97 U	1 UJ	1.1 UJ	1 UJ
gamma-BHC	60	1.5 U	1.4 U	1.4 U	1.5 U	1.4 U	1.3 U	1.3 U	1.4 U	1.5 U	1.4 U
Heptachlor	100	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.4 U	1.4 U	1.5 U	1.6 U	1.5 U
Aldrin	41	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.3 U	1.2 U
Heptachlor epoxide	20	1.6 U	1.5 U	1.5 U	1.6 U	1.5 U	1.4 U	1.4 U	1.5 U	1.6 U	1.5 U
Endosulfan I	900	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.7 U
Dieldrin	44	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U
4,4-DDE	2,100	1.6 U	1.5 U	1.5 U	1.6 U	1.5 U	1.4 U	1.4 U	1.5 U	1.6 U	1.5 U
Endrin	100	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2 U	2 U	2.1 U	2.2 U	2.1 U
Endosulfan II	900	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.4 U	1.5 U	1.5 U	1.6 U	1.5 U
4,4-DDD	2,900	1.3 U	1.2 U	1.2 U	1.3 U	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	1.2 U
Endosulfan Sulfate	NC	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.7 U
4,4-DDT	2100	2.3 U	2.2 U	2.2 U	2.3 U	2.2 U	2 U	2 U	2.1 UJ	2.3 UJ	2.1 UJ
Methoxychlor	NC	1.6 U	1.5 U	1.5 U	1.6 U	1.5 U	1.3 U	1.4 U	1.4 U	1.5 U	1.5 U
Endrin ketone	NC	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.4 U	1.4 U	1.5 U	1.6 U	1.5 U
Endrin aldehyde	NC	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	1.6 U	1.7 U	1.8 U	1.9 U	1.8 U
alpha-Chlordane	NC	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.7 U
gamma-Chlordane	540	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.7 U
Toxaphene	NC	3.7 U	3.6 U	3.6 U	3.8 U	3.6 U	3.2 U	3.3 U	3.4 U	3.7 U	3.5 U
Chlordane	540	0.41 U	NR	NR	NR	0.61 U	0.4 U	0.4 U	0.42 U	0.44 U	0.42 U

Sample Location		SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-9	SB-9	SB-9	SB-9
Sample Interval (Feet bgs)		6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	4 to 5	8 to 10	20 to 22	26 to 28
Sampling Date		07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	09/12/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Herbicides (ug/Kg)	TAGM RSCO										
DICAMBA	NC	12 P	1.5 U	1.6 U	1.6 U	16 P	14 P	1.4 U	1.5 U	1.6 U	1.5 U
DICHLORPROP	NC	1.7 U	3.4 U	3.5 U	3.6 U	1.7 U	1.5 U	3.2 U	3.3 U	3.6 U	3.3 U
2,4-D	500	1.6 J	22 P	5.5 UJ	5.8 U	1.5 J	1.4 J	5.1 U	5.3 U	5.7 U	5.3 U
2,4,5-TP (SILVEX)	700	3.4 U	1.6 U	1.7 U	1.7 U	3.3 U	3 U	1.5 U	1.6 U	1.7 U	1.6 U
2,4,5-T	1900	1.3 U	1.5 U	1.5 U	1.6 U	1.3 U	1.2 U	1.4 U	1.5 U	1.6 U	1.5 U
2,4-DB	NC	1.6 U	3.2 U	3.3 U	3.4 U	1.5 U	1.4 U	3 U	3.1 U	3.4 U	3.2 U
DINOSEB	NC	3.5 U	1.3 U	1.3 U	1.4 U	3.4 U	3.1 U	1.2 U	1.2 U	1.3 U	1.3 U

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		SB-7	SB-7	SB-7	SB-7	MW-7A	SB-8	SB-9	SB-9	SB-9	SB-9
Sample Interval (Feet bgs)		6 to 7	17 to 19	27 to 29	43 to 45	6 to 7	4 to 5	4 to 5	8 to 10	20 to 22	26 to 28
Sampling Date		07/09/04	08/09/04	08/09/04	08/09/04	07/09/04	07/09/04	09/12/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
PCBs (ug/Kg)	TAGM RSCO										
Aroclor-1016	1,000 (surface) 10,000 (subsurface)	6.4 UJ	6.2 U	6.2 U	6.5 U	6.2 UJ	5.6 UJ	5.6 U	5.9 U	6.4 U	6 U
Aroclor-1221	1,000 (surface) 10,000 (subsurface)	4.4 UJ	4.2 U	4.3 U	4.4 U	4.2 UJ	3.8 UJ	3.8 U	4 U	4.4 U	4.1 U
Aroclor-1232	1,000 (surface) 10,000 (subsurface)	3 UJ	2.9 U	2.9 U	3 U	2.9 UJ	2.6 UJ	2.6 U	2.7 U	3 U	2.8 U
Aroclor-1242	1,000 (surface) 10,000 (subsurface)	3.8 UJ	3.7 U	3.7 U	3.9 U	3.7 UJ	3.3 UJ	3.3 U	3.5 U	3.8 U	3.6 U
Aroclor-1248	1,000 (surface) 10,000 (subsurface)	4.5 UJ	4.4 U	4.4 U	4.6 U	4.3 UJ	3.9 UJ	4 U	4.1 U	4.5 U	4.2 U
Aroclor-1254	1,000 (surface) 10,000 (subsurface)	1.7 UJ	1.6 U	1.6 U	1.7 U	1.6 UJ	1.4 UJ	1.5 U	1.5 U	1.7 U	1.5 U
Aroclor-1260	1,000 (surface) 10,000 (subsurface)	3.6 UJ	3.5 U	3.5 U	3.7 U	3.5 UJ	3.2 UJ	3.2 U	3.3 U	3.6 U	3.4 U

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)		32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29	35 to 37
Sampling Date		09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Pesticides (ug/Kg)	TAGM RSCO										
alpha-BHC	110	1.4 U	1.2 U	1.2 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.4 U	1.3 U
beta-BHC	200	1.4 U	1.3 U	1.3 U	1.3 U	1.4 U	1.4 U	1.3 U	1.4 U	1.4 U	1.4 U
delta-BHC	300	1.1 UJ	0.98 U	0.98 UJ	1 UJ	1.1 UJ	1.1 UJ	0.97 U	1.1 UJ	1.1 UJ	1.1 UJ
gamma-BHC	60	1.5 U	1.3 U	1.3 U	1.4 U	1.4 U	1.5 U	1.3 U	1.5 U	1.5 U	1.4 U
Heptachlor	100	1.6 U	1.5 U	1.4 U	1.5 U	1.6 U	1.6 U	1.4 U	1.6 U	1.6 U	1.6 U
Aldrin	41	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	1.3 U	1.3 U
Heptachlor epoxide	20	1.6 U	1.4 U	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.6 U	1.5 U
Endosulfan I	900	1.8 U	1.6 U	1.6 U	1.7 U	1.7 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U
Dieldrin	44	1.3 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.2 U
4,4-DDE	2,100	1.6 U	1.4 U	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.6 U	1.5 U
Endrin	100	2.3 U	2 U	2 U	2.1 U	2.2 U	2.2 U	2 U	2.2 U	2.3 U	2.2 U
Endosulfan II	900	1.6 U	1.5 U	1.5 U	1.5 U	1.6 U	1.6 U	1.5 U	1.6 U	1.6 U	1.6 U
4,4-DDD	2,900	1.3 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.2 U
Endosulfan Sulfate	NC	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U
4,4-DDT	2100	2.3 UJ	2 U	2 UJ	2.1 UJ	2.2 UJ	2.2 UJ	2 U	2.2 UJ	2.3 UJ	2.2 UJ
Methoxychlor	NC	1.6 U	1.4 U	1.4 U	1.4 U	1.5 U	1.5 U	1.4 U	1.5 U	1.6 U	1.5 U
Endrin ketone	NC	1.6 U	1.4 U	1.4 U	1.5 U	1.5 U	1.6 U	1.4 U	1.6 U	1.6 U	1.6 U
Endrin aldehyde	NC	1.9 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.8 U
alpha-Chlordane	NC	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U
gamma-Chlordane	540	1.8 U	1.6 U	1.6 U	1.7 U	1.8 U	1.8 U	1.6 U	1.8 U	1.8 U	1.8 U
Toxaphene	NC	3.7 U	3.3 U	3.3 U	3.4 U	3.6 U	3.6 U	3.3 U	3.6 U	3.7 U	3.6 U
Chlordane	540	0.45 U	0.4 U	0.4 U	0.41 U	0.43 U	0.44 U	0.4 U	0.44 U	0.45 U	0.43 U

Sample Location		SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)		32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29	35 to 37
Sampling Date		09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Herbicides (ug/Kg)	TAGM RSCO										
DICAMBA	NC	1.6 U	1.5 U	1.4 U	1.5 U	1.5 U	1.6 U	1.4 U	1.6 U	1.6 U	1.6 U
DICHLORPROP	NC	3.6 U	3.2 U	3.2 U	3.3 U	3.4 U	3.5 U	3.2 U	3.5 U	3.6 U	3.5 U
2,4-D	500	5.7 U	11 U	5.1 U	5.3 U	5.5 U	5.6 U	5.1 U	5.5 U	5.7 UJ	5.5 U
2,4,5-TP (SILVEX)	700	1.7 U	1.6 U	1.5 U	1.6 U	1.7 U	1.7 U	1.5 U	1.7 U	1.7 U	1.7 U
2,4,5-T	1900	1.6 U	1.4 U	1.4 U	1.5 U	1.5 U	7.7	1.4 U	1.5 U	1.6 U	6.8 PJ
2,4-DB	NC	3.4 U	3.1 U	3 U	3.1 U	3.3 U	3.3 U	3 U	3.3 U	3.4 U	3.3 U
DINOSEB	NC	1.3 U	1.2 U	1.2 U	1.2 U	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U	1.3 U

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		SB-9	SB-10	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11	SB-11	SB-11
Sample Interval (Feet bgs)		32 to 34	5 to 6	6 to 8	8 to 10	20 to 22	48 to 50	5 to 6	13 to 15	27 to 29	35 to 37
Sampling Date		09/18/04	09/11/04	09/18/04	09/18/04	09/18/04	09/18/04	09/11/04	09/18/04	09/18/04	09/18/04
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
PCBs (ug/Kg)	TAGM RSCO										
Aroclor-1016	1,000 (surface) 10,000 (subsurface)	6.4 U	5.8 U	5.8 U	5.9 U	6.2 U	6.3 U	5.7 U	6.3 U	6.4 U	6.2 U
Aroclor-1221	1,000 (surface) 10,000 (subsurface)	4.4 U	3.9 U	3.9 U	4 U	4.2 U	4.3 U	3.9 U	4.3 U	4.4 U	4.2 U
Aroclor-1232	1,000 (surface) 10,000 (subsurface)	3 U	2.7 U	2.7 U	2.7 U	2.8 U	2.9 U	2.6 U	2.9 U	3 U	2.9 U
Aroclor-1242	1,000 (surface) 10,000 (subsurface)	3.8 U	3.4 U	3.4 U	3.5 U	3.6 U	3.7 U	3.4 U	3.7 U	3.8 U	3.7 U
Aroclor-1248	1,000 (surface) 10,000 (subsurface)	4.5 U	4.1 U	4 U	4.1 U	4.3 U	4.4 U	4 U	4.4 U	4.5 U	4.3 U
Aroclor-1254	1,000 (surface) 10,000 (subsurface)	1.7 U	1.5 U	1.5 U	1.5 U	1.6 U	1.6 U	1.5 U	1.6 U	1.7 U	1.6 U
Aroclor-1260	1,000 (surface) 10,000 (subsurface)	16 J	3.3 U	3.3 U	21 PJ	3.5 U	3.5 U	3.2 U	3.5 U	3.6 U	3.5 U

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		**SB-11**	**SB-14**							
Sample Interval (Feet bgs)		37 to 39	4 to 5							
Sampling Date		09/18/04	09/11/04							
Units		ug/Kg	ug/Kg							
Pesticides (ug/Kg)	TAGM RSCO			Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
alpha-BHC	110	1.3 U	1.3 U	22	0	0%	0	0%	< 1.2	< 1.4
beta-BHC	200	1.4 U	1.3 U	22	0	0%	0	0%	< 1.2	< 1.4
delta-BHC	300	1.1 UJ	1 U	22	0	0%	0	0%	< 0.95	< 1.1
gamma-BHC	60	1.5 U	1.4 U	22	0	0%	0	0%	< 1.3	< 1.5
Heptachlor	100	1.6 U	1.5 U	22	0	0%	0	0%	< 1.4	< 1.7
Aldrin	41	1.3 U	1.2 U	22	0	0%	0	0%	< 1.1	< 1.3
Heptachlor epoxide	20	1.5 U	1.4 U	22	0	0%	0	0%	< 1.4	< 1.6
Endosulfan I	900	1.8 U	1.7 U	22	0	0%	0	0%	< 1.6	< 1.8
Dieldrin	44	1.2 U	1.1 U	22	0	0%	0	0%	< 1.1	< 1.3
4,4-DDE	2,100	1.5 U	1.4 U	22	0	0%	0	0%	< 1.4	< 1.6
Endrin	100	2.2 U	2.1 U	22	0	0%	0	0%	< 2	< 2.3
Endosulfan II	900	1.6 U	1.5 U	22	0	0%	0	0%	< 1.4	< 1.7
4,4-DDD	2,900	1.2 U	1.2 U	22	0	0%	0	0%	< 1.1	< 1.3
Endosulfan Sulfate	NC	1.8 U	1.7 U	22	0	0%	0	0%	< 1.6	< 1.9
4,4-DDT	2100	2.2 UJ	2.1 U	22	0	0%	0	0%	< 2	< 2.3
Methoxychlor	NC	1.5 U	1.4 U	22	0	0%	0	0%	< 1.3	< 1.6
Endrin ketone	NC	1.6 U	1.5 U	22	0	0%	0	0%	< 1.4	< 1.6
Endrin aldehyde	NC	1.8 U	1.7 U	22	0	0%	0	0%	< 1.6	< 1.9
alpha-Chlordane	NC	1.8 U	1.7 U	22	0	0%	0	0%	< 1.6	< 1.9
gamma-Chlordane	540	1.8 U	1.7 U	22	0	0%	0	0%	< 1.6	< 1.9
Toxaphene	NC	3.6 U	3.4 U	22	0	0%	0	0%	< 3.2	< 3.8
Chlordane	540	0.44 U	0.41 U	19	0	0%	0	0%	< 0.4	< 0.61

Sample Location		**SB-11**	**SB-14**							
Sample Interval (Feet bgs)		37 to 39	4 to 5							
Sampling Date		09/18/04	09/11/04							
Units		ug/Kg	ug/Kg							
Herbicides (ug/Kg)	TAGM RSCO			Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
DICAMBA	NC	1.5 U	1.5 U	22	3	14%	0	0%	< 1.4	16
DICHLORPROP	NC	3.4 U	3.3 U	22	0	0%	0	0%	< 1.5	< 3.6
2,4-D	500	5.5 U	5.2 UJ	22	4	18%	0	0%	< 1.4	22
2,4,5-TP (SILVEX)	700	1.7 U	1.6 U	22	0	0%	0	0%	< 1.5	< 3.4
2,4,5-T	1900	7.1	1.5 UJ	22	3	14%	0	0%	< 1.2	7.7
2,4-DB	NC	3.3 U	3.1 U	22	0	0%	0	0%	< 1.4	< 3.4
DINOSEB	NC	1.3 U	1.2 U	22	0	0%	0	0%	< 1.2	< 3.5

Summary of Pesticides, Herbicides and PCBs in Subsurface Soil - Area 2
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-15

Sample Location		**SB-11**	**SB-14**							
Sample Interval (Feet bgs)		37 to 39	4 to 5							
Sampling Date		09/18/04	09/11/04							
Units		ug/Kg	ug/Kg							
PCBs (ug/Kg)	TAGM RSCO			Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Aroclor-1016	1,000 (surface) 10,000 (subsurface)	6.2 U	5.9 U	22	0	0%	0	0%	< 5.6	< 6.5
Aroclor-1221	1,000 (surface) 10,000 (subsurface)	4.2 U	4 U	22	0	0%	0	0%	< 3.8	< 4.4
Aroclor-1232	1,000 (surface) 10,000 (subsurface)	2.9 U	2.7 U	22	0	0%	0	0%	< 2.6	< 3
Aroclor-1242	1,000 (surface) 10,000 (subsurface)	3.7 U	3.5 U	22	0	0%	0	0%	< 3.3	< 3.9
Aroclor-1248	1,000 (surface) 10,000 (subsurface)	4.4 U	4.1 U	22	0	0%	0	0%	< 3.9	< 4.6
Aroclor-1254	1,000 (surface) 10,000 (subsurface)	1.6 U	1.5 U	22	0	0%	0	0%	< 1.4	< 1.7
Aroclor-1260	1,000 (surface) 10,000 (subsurface)	3.5 U	3.3 U	22	2	9%	0	0%	< 3.2	21

Summary of Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-33

Sample Location		MW-5A	MW-5B	MW-7A	MW-12A	MW-12B	MW-22A	MW-24A	MW-29A	MW-31A	MW-34A
Sampling Date		10/12/05	10/12/05	10/11/05	10/11/05	10/11/05	10/11/05	10/12/05	10/12/05	10/11/05	10/11/05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Volatile Organic Compounds	TOGS Class GA										
Dichlorodifluoromethane	5	0.85 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Chloromethane	5	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Vinyl Chloride	2	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bromomethane	5	2.1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chloroethane	5	4.1 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
Trichlorofluoromethane	5	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1,2-Trichlorotrifluoroethane	NC	6.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
1,1-Dichloroethene	5	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Acetone	50	***1100***	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	***76***
Carbon Disulfide	NC	2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Methyl tert-butyl Ether	10	1.4 U	2.3 J	0.28 U	3.9 J	0.28 U	3.9 J	0.28 U	0.28 U	0.28 U	0.28 U
Methyl Acetate	NC	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	5	2.1 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
trans-1,2-Dichloroethene	5	2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,1-Dichloroethane	5	1.9 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Cyclohexane	NC	1.8 U	0.36 U	0.55 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
2-Butanone	NC	37 J	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Carbon Tetrachloride	5	5.7 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
cis-1,2-Dichloroethene	5	1.5 U	0.29 U	0.29 U	0.29 U	2.9 J	0.29 U	0.29 U	0.7 J	0.29 U	0.29 U
Chloroform	7	1.7 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,1,1-Trichloroethane	5	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Methylcyclohexane	NC	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzene	1	***85***	0.39 U	***20***	***1.2*** J	***65***	0.39 U	***19***	0.39 U	0.39 U	0.39 U
1,2-Dichloroethane	0.6	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichloroethene	5	2.3 U	0.46 U	0.46 U	0.46 U	2.6 J	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,2-Dichloropropane	1	2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Bromodichloromethane	50	1.7 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Methyl-2-Pentanone	NC	8.1 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Toluene	5	3.6 J	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	1 J	0.36 U	0.36 U	0.36 U
t-1,3-Dichloropropene	0.4	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,3-Dichloropropene	0.4	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1,2-Trichloroethane	5	2 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
2-Hexanone	50	8.4 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dibromochloromethane	50	1.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dibromoethane	NC	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Tetrachloroethene	5	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Chlorobenzene	5	2.3 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Ethyl Benzene	5	2.3 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	***6.4***	0.45 U	0.45 U	0.45 U
m/p-Xylenes	5	***400***	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	2.1 J	1.2 U	1.2 U	1.2 U
o-Xylene	5	***520***	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	3.6 J	0.46 U	0.46 U	0.46 U
Styrene	5	2 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Bromoform	50	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Isopropylbenzene	5	2.2 U	0.44 U	2.3 J	0.44 U	0.44 U	0.44 U	2 J	0.44 U	0.44 U	0.44 U
1,1,2,2-Tetrachloroethane	5	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,3-Dichlorobenzene	3	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	3	2.7 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,2-Dichlorobenzene	3	2.2 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-Dibromo-3-Chloropropane	0.04	1.9 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,2,4-Trichlorobenzene	5	2.3 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Total Confident Conc. VOC	NC	2,145.6	2.3	22.9	5.1	70.5	3.9	34	1	-	76

Summary of Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-33

Sample Location		MW-40A								
Sampling Date		10/11/05								
Units		ug/L								
Volatile Organic Compounds	TOGS Class GA		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration	
Dichlorodifluoromethane	5	0.17 U	11	0	0%	0	0%	< 0.17	< 1	
Chloromethane	5	0.34 U	11	0	0%	0	0%	< 0.34	< 2	
Vinyl Chloride	2	0.33 U	11	0	0%	0	0%	< 0.33	< 2	
Bromomethane	5	0.41 U	11	0	0%	0	0%	< 0.41	< 2	
Chloroethane	5	0.83 U	11	0	0%	0	0%	< 0.83	< 4	
Trichlorofluoromethane	5	0.22 U	11	0	0%	0	0%	< 0.22	< 1	
1,1,2-Trichlorotrifluoroethane	NC	1.3 U	11	0	0%	0	0%	< 1.3	< 7	
1,1-Dichloroethene	5	0.42 U	11	0	0%	0	0%	< 0.42	< 2	
Acetone	50	2.3 U	11	2	18%	2	18%	< 2.3	1,100	
Carbon Disulfide	NC	0.4 U	11	0	0%	0	0%	< 0.4	< 2	
Methyl tert-butyl Ether	10	0.28 U	11	3	27%	0	0%	< 0.28	4	
Methyl Acetate	NC	0.2 U	11	0	0%	0	0%	< 0.2	< 1	
Methylene Chloride	5	0.43 U	11	0	0%	0	0%	< 0.43	< 2	
trans-1,2-Dichloroethene	5	0.4 U	11	0	0%	0	0%	< 0.4	< 2	
1,1-Dichloroethane	5	0.38 U	11	0	0%	0	0%	< 0.38	< 2	
Cyclohexane	NC	0.36 U	11	1	9%	0	0%	< 0.36	2	
2-Butanone	NC	1.1 U	10	0	0%	0	0%	< 1.1	< 37	
Carbon Tetrachloride	5	1.1 U	11	0	0%	0	0%	< 1.1	< 6	
cis-1,2-Dichloroethene	5	0.29 U	11	2	18%	0	0%	< 0.29	3	
Chloroform	7	0.33 U	11	0	0%	0	0%	< 0.33	< 2	
1,1,1-Trichloroethane	5	0.32 U	11	0	0%	0	0%	< 0.32	< 2	
Methylcyclohexane	NC	0.34 U	11	0	0%	0	0%	< 0.34	< 2	
Benzene	1	0.39 U	11	5	45%	5	45%	< 0.39	85	
1,2-Dichloroethane	0.6	0.34 U	11	0	0%	0	0%	< 0.34	< 2	
Trichloroethene	5	0.46 U	11	1	9%	0	0%	< 0.46	3	
1,2-Dichloropropane	1	0.4 U	11	0	0%	0	0%	< 0.4	< 2	
Bromodichloromethane	50	0.33 U	11	0	0%	0	0%	< 0.33	< 2	
4-Methyl-2-Pentanone	NC	1.6 U	11	0	0%	0	0%	< 1.6	< 8	
Toluene	5	0.36 U	11	2	18%	0	0%	< 0.36	4	
t-1,3-Dichloropropene	0.4	0.32 U	11	0	0%	0	0%	< 0.32	< 2	
cis-1,3-Dichloropropene	0.4	0.36 U	11	0	0%	0	0%	< 0.36	< 2	
1,1,2-Trichloroethane	5	0.41 U	11	0	0%	0	0%	< 0.41	< 2	
2-Hexanone	50	1.7 U	11	0	0%	0	0%	< 1.7	< 8	
Dibromochloromethane	50	0.26 U	11	0	0%	0	0%	< 0.26	< 1	
1,2-Dibromoethane	NC	0.32 U	11	0	0%	0	0%	< 0.32	< 2	
Tetrachloroethene	5	0.48 U	11	0	0%	0	0%	< 0.48	< 2	
Chlorobenzene	5	0.47 U	11	0	0%	0	0%	< 0.47	< 2	
Ethyl Benzene	5	0.45 U	11	1	9%	1	9%	< 0.45	6	
m/p-Xylenes	5	1.2 U	11	2	18%	1	9%	< 1.2	400	
o-Xylene	5	0.46 U	11	2	18%	1	9%	< 0.46	520	
Styrene	5	0.41 U	11	0	0%	0	0%	< 0.41	< 2	
Bromoform	50	0.32 U	11	0	0%	0	0%	< 0.32	< 2	
Isopropylbenzene	5	0.44 U	11	2	18%	0	0%	< 0.44	2	
1,1,2,2-Tetrachloroethane	5	0.3 U	11	0	0%	0	0%	< 0.3	< 2	
1,3-Dichlorobenzene	3	0.5 U	11	0	0%	0	0%	< 0.5	< 3	
1,4-Dichlorobenzene	3	0.54 U	11	0	0%	0	0%	< 0.54	< 3	
1,2-Dichlorobenzene	3	0.44 U	11	0	0%	0	0%	< 0.44	< 2	
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	11	0	0%	0	0%	< 0.38	< 2	
1,2,4-Trichlorobenzene	5	0.46 U	11	0	0%	0	0%	< 0.46	< 2	
Total Confident Conc. VOC	NC	-								

Summary of Semi-Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-34

Sample Location		MW-5A	MW-5B	MW-7A	MW-12A	MW-12B	MW-22A	MW-24A	MW-29A	MW-31A	MW-34A
Sampling Date		10/12/05	10/12/05	10/11/05	10/11/05	10/11/05	10/11/05	10/12/05	10/12/05	10/11/05	10/11/05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Semivolatile Organic Compounds (ug/kg)	TOGS Class GA										
Benzaldehyde	NA	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U	1.7 U	1.7 U	1.7 U
Phenol	1	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
bis(2-Chloroethyl)ether	1	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U
2-Chlorophenol	NC	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
2-Methylphenol	NC	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U
2,2-oxybis(1-Chloropropane)	NC	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
Acetophenone	NC	1.2 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U
3+4-Methylphenols	NC	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U
N-Nitroso-di-n-propylamine	NC	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Hexachloroethane	5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Nitrobenzene	0.4	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Isophorone	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-Nitrophenol	NC	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-Dimethylphenol	50	***500*** D	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
bis(2-Chloroethoxy)methane	5	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-Dichlorophenol	5	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 U	1.4 U	1.5 U	1.4 U
Naphthalene	10	***170*** D	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	***18***	1.4 U	1.4 U	***11***
4-Chloroaniline	5	0.87 U	0.88 U	0.88 U	0.9 U	0.87 U	0.89 U	0.86 U	0.87 U	0.88 U	0.87 U
Hexachlorobutadiene	0.5	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Caprolatam	NC	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
4-Chloro-3-methylphenol	NC	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2-Methylnaphthalene	NC	16	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	100 D	1.1 U	1.1 U	13
Hexachlorocyclopentadiene	5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2,4,6-Trichlorophenol	NC	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
2,4,5-Trichlorophenol	NC	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
1,1-Biphenyl	5	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.7 J
2-Chloronaphthalene	10	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2-Nitroaniline	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dimethylphthalate	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acenaphthylene	NC	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2,6-Dinitrotoluene	5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
3-Nitroaniline	5	1 U	1 U	1 U	1.1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
Acenaphthene	20	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	***35***	1.4 U	2.2 J	1.4 U
2,4-Dinitrophenol	10	3.5 U	3.6 U	3.6 U	3.7 U	3.5 U	3.6 U	3.5 U	3.6 U	3.6 U	3.5 U
4-Nitrophenol	NC	3.1 U	3.2 U	3.2 U	3.3 U	3.1 U	3.2 U	3.1 U	3.1 U	3.2 U	3.1 U
Dibenzofuran	NC	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	39	1.3 U	1.3 U	1.3 U
2,4-Dinitrotoluene	5	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
Diethylphthalate	50	1.3 U	1.4 U	1.4 U	1.4 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U
4-Chlorophenyl-phenylether	NC	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Fluorene	50	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.5 U	***54***	1.4 U	1.4 U	1.4 U
4-Nitroaniline	5	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U
4,6-Dinitro-2-methylphenol	NC	1.6 U	1.7 U	1.6 U	1.7 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U
N-Nitrosodiphenylamine	50	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 J
4-Bromophenyl-phenylether	NC	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Hexachlorobenzene	0.04	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
Atrazine	7.5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Pentachlorophenol	1	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Phenanthrene	50	1.4 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U	36	1.4 U	1.4 U	1.4 U
Anthracene	50	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.5 U	11	1.4 U	1.4 U	1.4 U
Carbazole	NC	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	56	1.3 U	1.3 U	1.3 U
Di-n-butylphthalate	50	8.3 JB	1.3 U	9.6 JB	8.5 JB	7.9 JB	8.9 JB	14 B	6.9 JB	12 B	15 B

Summary of Semi-Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-34

Sample Location		MW-5A	MW-5B	MW-7A	MW-12A	MW-12B	MW-22A	MW-24A	MW-29A	MW-31A	MW-34A
Sampling Date		10/12/05	10/12/05	10/11/05	10/11/05	10/11/05	10/11/05	10/12/05	10/12/05	10/11/05	10/11/05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Semivolatile Organic Compounds (ug/kg)	TOGS Class GA										
Fluoranthene	50	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	9 J	1.2 U	1.2 U	1.2 U
Pyrene	50	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	7 J	1.5 U	1.5 U	1.5 U
Butylbenzylphthalate	5	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U	1.5 U	1.4 U
3,3-Dichlorobenzidine	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U
Benzo(a)anthracene	0.002	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U
Chrysene	0.002	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
bis(2-Ethylhexyl)phthalate	5	2.6 J	1.6 U	1.6 U	1.6 U	1.5 U	1.6 U	4.7 J	1.8 J	1.6 U	1.5 U
Di-n-octyl phthalate	NC	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Benzo(b)fluoranthene	0.002	0.76 U	0.77 U	0.76 U	0.79 U	0.76 U	0.78 U	0.75 U	0.76 U	0.76 U	0.76 U
Benzo(k)fluoranthene	0.002	1.9 U	1.9 U	1.9 U	2 U	1.9 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)pyrene	NC	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Indeno(1,2,3-cd)pyrene	0.002	0.84 U	0.85 U	0.84 U	0.87 U	0.84 U	0.86 U	0.83 U	0.84 U	0.84 U	0.84 U
Dibenz(a,h)anthracene	NC	0.87 U	0.89 U	0.88 U	0.91 U	0.87 U	0.9 U	0.87 U	0.88 U	0.88 U	0.87 U
Benzo(g,h,i)perylene	NC	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Total Confident Conc. SVOC	NA	317	-	10	9	8	9	372	9	14	42

Summary of Semi-Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-34

Sample Location		MW-40A							
Sampling Date		10/11/05							
Units		ug/L							
Semivolatile Organic Compounds (ug/kg)	TOGS Class GA		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Benzaldehyde	NA	1.7 U	11	0	0%	0	0%	< 1.6	< 1.7
Phenol	1	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
bis(2-Chloroethyl)ether	1	1.5 U	11	0	0%	0	0%	< 1.4	< 1.5
2-Chlorophenol	NC	1.2 U	11	0	0%	0	0%	< 1.1	< 1.2
2-Methylphenol	NC	1.5 U	11	0	0%	0	0%	< 1.5	< 1.6
2,2-oxybis(1-Chloropropane)	NC	1.2 U	11	0	0%	0	0%	< 1.2	< 1.3
Acetophenone	NC	1.2 U	11	0	0%	0	0%	< 1.2	< 1.3
3+4-Methylphenols	NC	1.3 U	11	0	0%	0	0%	< 1.3	< 1.4
N-Nitroso-di-n-propylamine	NC	1.4 U	11	0	0%	0	0%	< 1.4	< 1.5
Hexachloroethane	5	1.2 U	11	0	0%	0	0%	< 1.2	< 1.2
Nitrobenzene	0.4	1.6 U	11	0	0%	0	0%	< 1.6	< 1.7
Isophorone	50	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
2-Nitrophenol	NC	1.4 U	11	0	0%	0	0%	< 1.4	< 1.4
2,4-Dimethylphenol	50	1.2 U	11	1	9%	1	9%	< 1.2	500
bis(2-Chloroethoxy)methane	5	1.4 U	11	0	0%	0	0%	< 1.4	< 1.4
2,4-Dichlorophenol	5	1.4 U	11	0	0%	0	0%	< 1.4	< 1.5
Naphthalene	10	1.4 U	11	3	27%	3	27%	< 1.4	170
4-Chloroaniline	5	0.87 U	11	0	0%	0	0%	< 0.86	< 0.9
Hexachlorobutadiene	0.5	1.4 U	11	0	0%	0	0%	< 1.4	< 1.4
Caprolatam	NC	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
4-Chloro-3-methylphenol	NC	1.4 U	11	0	0%	0	0%	< 1.4	< 1.4
2-Methylnaphthalene	NC	1.1 U	11	3	27%	0	0%	< 1.1	100
Hexachlorocyclopentadiene	5	1.2 U	11	0	0%	0	0%	< 1.2	< 1.2
2,4,6-Trichlorophenol	NC	1.2 U	11	0	0%	0	0%	< 1.1	< 1.2
2,4,5-Trichlorophenol	NC	1.2 U	11	0	0%	0	0%	< 1.2	< 1.3
1,1-Biphenyl	5	1.4 U	11	1	9%	0	0%	< 1.4	1.7
2-Chloronaphthalene	10	1.4 U	11	0	0%	0	0%	< 1.4	< 1.5
2-Nitroaniline	5	1.1 U	11	0	0%	0	0%	< 1.1	< 1.1
Dimethylphthalate	50	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
Acenaphthylene	NC	1.3 U	11	0	0%	0	0%	< 1.3	< 1.4
2,6-Dinitrotoluene	5	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
3-Nitroaniline	5	1 U	11	0	0%	0	0%	< 1	< 1.1
Acenaphthene	20	1.4 U	11	2	18%	1	9%	< 1.4	35
2,4-Dinitrophenol	10	3.5 U	11	0	0%	0	0%	< 3.5	< 3.7
4-Nitrophenol	NC	3.1 U	11	0	0%	0	0%	< 3.1	< 3.3
Dibenzofuran	NC	1.3 U	11	1	9%	0	0%	< 1.3	39
2,4-Dinitrotoluene	5	1.2 U	11	0	0%	0	0%	< 1.2	< 1.3
Diethylphthalate	50	1.3 U	11	0	0%	0	0%	< 1.3	< 1.4
4-Chlorophenyl-phenylether	NC	1.4 U	11	0	0%	0	0%	< 1.4	< 1.4
Fluorene	50	1.4 U	11	1	9%	1	9%	< 1.4	54
4-Nitroaniline	5	1.1 U	11	0	0%	0	0%	< 1.1	< 1.2
4,6-Dinitro-2-methylphenol	NC	1.6 U	11	0	0%	0	0%	< 1.6	< 1.7
N-Nitrosodiphenylamine	50	1.3 U	11	1	9%	0	0%	< 1.3	1.3
4-Bromophenyl-phenylether	NC	1.5 U	11	0	0%	0	0%	< 1.5	< 1.6
Hexachlorobenzene	0.04	1.2 U	11	0	0%	0	0%	< 1.2	< 1.3
Atrazine	7.5	1.3 U	11	0	0%	0	0%	< 1.3	< 1.3
Pentachlorophenol	1	1.6 U	11	0	0%	0	0%	< 1.6	< 1.7
Phenanthrene	50	1.4 U	11	1	9%	0	0%	< 1.4	36
Anthracene	50	1.4 U	11	1	9%	0	0%	< 1.4	11
Carbazole	NC	1.3 U	11	1	9%	0	0%	< 1.3	56
Di-n-butylphthalate	50	10 B	11	10	91%	0	0%	< 1.3	15

Summary of Semi-Volatile Organic Compounds in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-34

Sample Location		MW-40A							
Sampling Date		10/11/05							
Units		ug/L							
Semivolatile Organic Compounds (ug/kg)	TOGS Class GA		Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Fluoranthene	50	1.2 U	11	1	9%	0	0%	< 1.2	9.0
Pyrene	50	1.5 U	11	1	9%	0	0%	< 1.5	7.0
Butylbenzylphthalate	5	1.4 U	11	0	0%	0	0%	< 1.4	< 1.5
3,3-Dichlorobenzidine	5	1.1 U	11	0	0%	0	0%	< 1	< 1.1
Benzo(a)anthracene	0.002	1.1 U	11	0	0%	0	0%	< 1.1	< 1.2
Chrysene	0.002	1.7 U	11	0	0%	0	0%	< 1.7	< 1.8
bis(2-Ethylhexyl)phthalate	5	1.5 U	11	3	27%	0	0%	< 1.5	4.7
Di-n-octyl phthalate	NC	1.3 U	11	0	0%	0	0%	< 1.3	< 1.4
Benzo(b)fluoranthene	0.002	0.76 U	11	0	0%	0	0%	< 0.75	< 0.8
Benzo(k)fluoranthene	0.002	1.9 U	11	0	0%	0	0%	< 1.9	< 2.0
Benzo(a)pyrene	NC	1.2 U	11	0	0%	0	0%	< 1.2	< 1.2
Indeno(1,2,3-cd)pyrene	0.002	0.84 U	11	0	0%	0	0%	< 0.83	< 0.9
Dibenz(a,h)anthracene	NC	0.87 U	11	0	0%	0	0%	< 0.87	< 0.9
Benzo(g,h,i)perylene	NC	1.1 U	11	0	0%	0	0%	< 1.1	< 1.1
Total Confident Conc. SVOC	NA	10							

Summary of Metals and Cyanide in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-35

Sample Location		MW-5A	MW-5B	MW-7A	MW-12A	MW-12B	MW-22A	MW-24A	MW-29A	MW-31A	MW-34A	MW-40A
Sampling Date		10/12/05	10/12/05	10/11/05	10/11/05	10/11/05	10/11/05	10/12/05	10/12/05	10/11/05	10/11/05	10/11/05
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PP Metals	TOGS Class GA											
Antimony	3	3.2 U	***3.4*** J	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
Arsenic	25	***27.7***	4.2 J	8.2 J	3.3 U	5.8 J	3.3 U	3.3 U	12	3.3 U	7.5 J	3.3 U
Beryllium	3	0.14 J	0.11 J	0.18 J	0.09 U	0.09 U	0.12 J	0.09 U	0.11 J	0.09 U	0.09 U	0.09 U
Cadmium	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chromium	50	0.34 U	0.34 U	1.2 J	5.2 J	1.7 J	8 J	0.34 U	0.34 U	0.55 J	1.7 J	4.3 J
Copper	200	46.3	3.6 U	8 J	5.9 J	12.7 J	6.3 J	3.6 U	3.6 U	9.6 J	16.9 J	32.2
Lead	25	***64.6***	2.8 U	3.9 J	2.8 U	2.8 U	2.8 U	5.3	4.1 J	14.6	3.3 J	2.8 U
Mercury	0.7	0.04 J	0.03 U	0.03 U	0.03 U	0.05 J	0.03 U	0.03 U	0.03 U	0.03 U	0.08 J	0.06 J
Nickel	100	1.6 U	1.6 U	1.6 U	1.6 U	12.6 J	1.9 J	1.6 U	1.6 U	4.4 J	2.3 J	2.2 J
Selenium	10	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3.1 J
Silver	50	1.6 U	1.6 U	1.9 J	1.6 U	1.6 U	1.6 U	2.1 J	1.6 U	1.6 U	1.6 U	1.6 U
Thallium	0.5	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	***5.2*** J	3.1 U	***6.2*** J	3.1 U	3.1 U	3.1 U
Zinc	2000	2.1 J	0.61 U	8.8 J	0.61 U	8.2 J	0.61 U	0.61 U	0.61 U	46.4	10.5 J	71.4

Sample Location		MW-5A	MW-5B	MW-7A	MW-12A	MW-12B	MW-22A	MW-24A	MW-29A	MW-31A	MW-34A	MW-40A
Sampling Date		10/12/05	10/12/05	10/11/05	10/11/05	10/11/05	10/11/05	10/12/05	10/12/05	10/11/05	10/11/05	10/11/05
Units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
	TOGS Class GA											
Cyanide	0.2	***1.4***	0.01 U	0.01 U	0.013	0.01	0.012	0.048	0.01 U	0.016	0.01 U	0.01 U
Amenable Cyanide	NA	0.14	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Summary of Metals and Cyanide in Groundwater
Former West 18th Street Gas Works
Consolidated Edison Company of New York, Inc.
Table 4-35

Sample Location Sampling Date Units PP Metals	TOGS Class GA	Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Antimony	3	11	1	9%	1	9%	< 3.2	3.4
Arsenic	25	11	6	55%	1	9%	< 3.3	27.7
Beryllium	3	11	5	45%	0	0%	< 0.09	0.18
Cadmium	5	11	0	0%	0	0%	< 0.33	< 0.33
Chromium	50	11	7	64%	0	0%	< 0.34	8
Copper	200	11	8	73%	0	0%	< 3.6	46.3
Lead	25	11	6	55%	1	9%	< 2.8	64.6
Mercury	0.7	11	4	36%	0	0%	< 0.03	0.08
Nickel	100	11	5	45%	0	0%	< 1.6	12.6
Selenium	10	11	1	9%	0	0%	< 3	3.1
Silver	50	11	2	18%	0	0%	< 1.6	2.1
Thallium	0.5	11	2	18%	2	18%	< 3.1	6.2
Zinc	2000	11	6	55%	0	0%	< 0.61	71.4

Sample Location Sampling Date Units	TOGS Class GA	Number of Samples	Number of Detections	Frequency of Detections	Number of TAGM Exceedances	Frequency of Exceedances	Minimum Reported Concentration	Maximum Reported Concentration
Cyanide	0.2	11	6	55%	1	9%	< 0.01	1.40
Amenable Cyanide	NA	11	1	9%	0	0%	< 0.01	0.14

ARCADIS

ARCADIS Analytical Results

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	MTP-1 3 - 4 02/10/07	MTP-1 8 - 9 02/10/07	MTP-1 19 - 20 02/10/07	MTP-1 23 - 24 02/10/07	MTP-2 9 - 10 02/10/07	MTP-2 18 - 19 02/10/07	MTP-2 22 - 23 02/10/07	MTP-2 24 - 25 02/10/07	MTP-3 8 - 9 03/03/07
Volatile Organics											
1,1,1-Trichloroethane	100	0.68	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,1,2-Trichloroethane	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,1-Dichloroethene	100	0.33	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,2,4-Trichlorobenzene	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,2-Dichloroethane	3.1	0.02	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,2-Dichloropropane	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
1,4-Dichlorobenzene	13	1.8	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
2-Butanone	100	0.12	0.83 J	3.5 U	0.018 U	0.016 U	0.015 U	8.0 U	0.014 U	0.014 U	0.015 U
2-Hexanone	- -	- -	0.69 U	3.5 U	0.018 U	0.016 U	0.015 U	8.0 U	0.014 U	0.014 U	0.015 U
4-Methyl-2-pentanone	- -	- -	0.69 U	3.5 U	0.018 U	0.016 U	0.015 U	8.0 U	0.014 U	0.014 U	0.015 U
Acetone	100	0.05	0.69 U	3.5 U	0.11 J	0.15 J	0.015 U	8.0 U	0.014 U	0.032 J	0.015 U
Benzene	4.8	0.06	0.29	0.31 J	0.015	0.0028 J	0.00067 J	16	0.0088	0.00099 J	0.0062 U
Carbon Disulfide	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0010 J	0.0062 U
Chlorobenzene	100	1.1	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Chloroform	49	0.37	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Chloromethane	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
cis-1,2-Dichloroethene	100	0.25	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Cyclohexane	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Dichlorodifluoromethane	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Ethylbenzene	41	1	0.72	20	0.0012 J	0.0020 J	0.0059 U	85	0.023	0.0052 J	0.0062 U
Isopropylbenzene	- -	- -	0.13 J	7.4	0.0029 J	0.0063 U	0.0059 U	7.4	0.0035 J	0.0055 U	0.0062 U
Methyl Acetate	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Methyl tert-butyl ether	100	0.93	0.17 J	0.95 J	0.0063 J	0.0051 J	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Methylcyclohexane	- -	- -	0.39	4.5	0.0070 U	0.0063 U	0.0059 U	1.8 J	0.0055 U	0.0055 U	0.0062 U
Methylene Chloride	100	0.05	0.27 UJ	1.4 UJ	0.0070 UJ	0.0063 UJ	0.0059 UJ	3.2 U	0.0055 UJ	0.0055 UJ	0.0062 U
m-Xylene & p-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	- -	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Tetrachloroethene	19	1.3	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Toluene	100	0.7	0.37 U	3.9	0.0032 J	0.0023 J	0.00084 J	24	0.013	0.0020 J	0.00069 J
Trichloroethene	21	0.47	0.27 U	1.4 U	0.0070 U	0.0063 U	0.0059 U	3.2 U	0.0055 U	0.0055 U	0.0062 U
Xylenes (total)	100	1.6	3.8	110	0.0075 J	0.0084 J	0.018 U	230	0.076	0.014 J	0.019 U
Total BTEX	- -	- -	4.8	130 J	0.027 J	0.016 J	0.0015 J	360	0.12	0.022 J	0.00069 J
Total VOCs	- -	- -	5.6 J	130 J	0.14 J	0.17 J	0.0015 J	360	0.12	0.055 J	0.00069 J

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	MTP-3 24 - 25 03/03/07	SB-208 2 - 3 01/20/07	SB-208 9.5 - 10 01/20/07	SB-208 19 - 20 01/20/07	SB-209 9.4 - 10 01/20/07	SB-209 11 - 13 01/20/07	SB-209 19 - 20 01/20/07	SB-210 7 - 9 12/16/06	SB-210 11 - 13 12/16/06
Volatile Organics											
1,1,1-Trichloroethane	100	0.68	0.38 UJ	0.0056 U	0.0063 U	0.040 U	0.0059 UJ	0.0060 U	0.37 UJ	0.0057 UJ	0.0066 UJ
1,1,2-Trichloroethane	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
1,1-Dichloroethene	100	0.33	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.0066 U
1,2,4-Trichlorobenzene	- -	- -	0.38 U	0.0056 UJ	0.0063 UJ	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
1,2-Dichloroethane	3.1	0.02	0.38 UJ	0.0056 U	0.0063 U	0.040 U	0.0059 UJ	0.0060 U	0.37 UJ	0.0057 U	0.0066 U
1,2-Dichloropropane	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
1,4-Dichlorobenzene	13	1.8	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
2-Butanone	100	0.12	0.96 U	0.014 U	0.016 U	0.099 U	0.015 U	0.015 U	0.46 J	0.014 U	0.016 U
2-Hexanone	- -	- -	0.96 U	0.014 U	0.016 U	0.099 U	0.015 U	0.015 U	0.93 U	0.014 U	0.016 U
4-Methyl-2-pentanone	- -	- -	0.96 U	0.014 U	0.016 U	0.099 U	0.015 U	0.015 U	0.93 U	0.014 U	0.016 U
Acetone	100	0.05	0.96 UJ	0.025 J	0.016 U	0.099 U	0.067	0.053	0.93 U	0.014 UJ	0.041 J
Benzene	4.8	0.06	6.7	0.00061 J	0.0063 U	0.86	0.0022 J	0.021	2.1	0.0011 J	0.0025 J
Carbon Disulfide	- -	- -	0.38 UJ	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.00071 J
Chlorobenzene	100	1.1	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.0066 U
Chloroform	49	0.37	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Chloromethane	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
cis-1,2-Dichloroethene	100	0.25	0.38 U	0.0056 UJ	0.0063 UJ	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Cyclohexane	- -	- -	0.38 UJ	0.0056 UJ	0.0063 UJ	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Dichlorodifluoromethane	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Ethylbenzene	41	1	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	2.4	0.0057 U	0.0066 U
Isopropylbenzene	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0018 J	0.37 U	0.0057 U	0.0066 U
Methyl Acetate	- -	- -	0.38 U	0.0056 UJ	0.0063 UJ	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Methyl tert-butyl ether	100	0.93	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Methylcyclohexane	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Methylene Chloride	100	0.05	0.38 U	0.0021 J	0.0063 UJ	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
m-Xylene & p-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	- -	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 U	0.0066 U
Tetrachloroethene	19	1.3	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.0066 UJ
Toluene	100	0.7	0.27 J	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.0066 UJ
Trichloroethene	21	0.47	0.38 U	0.0056 U	0.0063 U	0.040 U	0.0059 U	0.0060 U	0.37 U	0.0057 UJ	0.0066 U
Xylenes (total)	100	1.6	0.38 U	0.017 U	0.019 U	0.12 U	0.018 U	0.018 U	2.0	0.017 U	0.020 U
Total BTEX	- -	- -	7.0 J	0.00061 J	ND	0.86	0.0022 J	0.021	6.5	0.0011 J	0.0025 J
Total VOCs	- -	- -	7.0 J	0.028 J	ND	0.86	0.069 J	0.074	7.0 J	0.0011 J	0.044 J

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-210 21 - 23 12/16/06	SB-210 25 - 27 12/16/06	SB-210 36 - 37 12/16/06	SB-213 8 - 9 02/10/07	SB-213 19 - 20 02/10/07	SB-214 5 - 7 01/21/07	SB-214 9.5 - 10 01/21/07	SB-214 11 - 13 01/21/07	SB-214 19 - 20 01/21/07
Volatile Organics											
1,1,1-Trichloroethane	100	0.68	0.0063 UJ	0.0065 UJ	0.0061 UJ	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
1,1,2-Trichloroethane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
1,1-Dichloroethene	100	0.33	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
1,2,4-Trichlorobenzene	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.13 J	0.0058 U	0.0057 U	0.0076 U
1,2-Dichloroethane	3.1	0.02	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
1,2-Dichloropropane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
1,4-Dichlorobenzene	13	1.8	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
2-Butanone	100	0.12	0.016 U	0.016 U	0.015 U	0.014 U	0.019 U	0.66 U	0.015 U	0.014 U	0.019 U
2-Hexanone	- -	- -	0.016 U	0.016 U	0.015 U	0.014 U	0.019 U	0.66 U	0.015 U	0.014 U	0.019 U
4-Methyl-2-pentanone	- -	- -	0.016 U	0.016 U	0.015 U	0.014 U	0.019 U	0.66 U	0.015 U	0.014 U	0.019 U
Acetone	100	0.05	0.024 J	0.025 J	0.015 UJ	0.014 U	0.074 J	0.66 U	0.025 J	0.056	0.061
Benzene	4.8	0.06	0.044	0.0079	0.0068	0.0057 U	0.021	0.27 U	0.0058 U	0.0021 J	0.0076 U
Carbon Disulfide	- -	- -	0.0063 UJ	0.0065 UJ	0.0061 UJ	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0070 J
Chlorobenzene	100	1.1	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Chloroform	49	0.37	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Chloromethane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
cis-1,2-Dichloroethene	100	0.25	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Cyclohexane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Dichlorodifluoromethane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Ethylbenzene	41	1	0.0051 J	0.0065 U	0.0061 U	0.0063	0.012	0.27 U	0.0058 U	0.0057 U	0.0076 U
Isopropylbenzene	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0014 J	0.0076 U	2.1	0.016	0.0057 U	0.0076 U
Methyl Acetate	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Methyl tert-butyl ether	100	0.93	0.0014 J	0.00084 J	0.0061 U	0.0057 U	0.0060 J	0.27 U	0.0058 U	0.0057 U	0.0076 U
Methylcyclohexane	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	2.1	0.11	0.0057 U	0.0076 U
Methylene Chloride	100	0.05	0.0063 U	0.0065 U	0.0061 U	0.0057 UJ	0.0076 UJ	0.27 U	0.0058 U	0.0057 U	0.0076 U
m-Xylene & p-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	- -	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Tetrachloroethene	19	1.3	0.0063 UJ	0.0065 UJ	0.0061 UJ	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Toluene	100	0.7	0.0063 UJ	0.0065 UJ	0.0061 UJ	0.0018 J	0.011	0.27 U	0.0058 U	0.0057 U	0.0076 U
Trichloroethene	21	0.47	0.0063 U	0.0065 U	0.0061 U	0.0057 U	0.0076 U	0.27 U	0.0058 U	0.0057 U	0.0076 U
Xylenes (total)	100	1.6	0.0058 J	0.019 U	0.018 U	0.019	0.051	0.27 U	0.017 U	0.017 U	0.023 U
Total BTEX	- -	- -	0.055 J	0.0079	0.0068	0.027 J	0.095	ND	ND	0.0021 J	ND
Total VOCs	- -	- -	0.079 J	0.033 J	0.0068	0.027 J	0.17 J	ND	0.025 J	0.058 J	0.068 J

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-215 8 - 10 12/16/06	SB-215 14 - 16 12/16/06	SB-215 26 - 28 12/16/06	SB-215 30 - 32 12/16/06	SB-215 34 - 36 12/16/06	SB-219 5.5 - 6 10/17/06	SB-219 10 - 10.5 10/17/06	SB-219 32 - 32.5 10/17/06	SB-220 7.5 - 8 10/16/06
Volatile Organics											
1,1,1-Trichloroethane	100	0.68	0.0057 UJ	0.0062 UJ	0.0058 UJ	0.0061 UJ	0.0056 UJ	0.0054 U	0.0058 U	0.0067 U	0.54 U
1,1,2-Trichloroethane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
1,1-Dichloroethene	100	0.33	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
1,2,4-Trichlorobenzene	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
1,2-Dichloroethane	3.1	0.02	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
1,2-Dichloropropane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
1,4-Dichlorobenzene	13	1.8	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
2-Butanone	100	0.12	0.014 U	0.015 U	0.015 U	0.015 U	0.014 U	0.011 UJ	0.012 UJ	0.0044 J	0.54 U
2-Hexanone	- -	- -	0.014 U	0.015 U	0.015 U	0.015 U	0.014 U	0.011 U	0.012 U	0.013 U	0.54 U
4-Methyl-2-pentanone	- -	- -	0.014 U	0.015 U	0.015 U	0.015 U	0.014 U	0.011 U	0.012 U	0.013 U	0.54 U
Acetone	100	0.05	0.014 UJ	0.051 J	0.024 J	0.020 J	0.020 J	0.022 U	0.023 U	0.027 U	0.35 J
Benzene	4.8	0.06	0.0010 J	0.0028 J	0.0094	0.14	0.0047 J	0.0054 U	0.0058 U	0.0067 U	0.54 U
Carbon Disulfide	- -	- -	0.0057 UJ	0.0062 UJ	0.0058 UJ	0.0061 UJ	0.0056 UJ	0.0054 U	0.0058 U	0.0067 U	0.54 U
Chlorobenzene	100	1.1	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Chloroform	49	0.37	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Chloromethane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
cis-1,2-Dichloroethene	100	0.25	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Cyclohexane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
Dichlorodifluoromethane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
Ethylbenzene	41	1	0.0057 U	0.0062 U	0.0058 U	0.0021 J	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Isopropylbenzene	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
Methyl Acetate	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
Methyl tert-butyl ether	100	0.93	0.0057 U	0.0062 U	0.0022 J	0.0036 J	0.0013 J	NA	NA	NA	NA
Methylcyclohexane	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	NA	NA	NA	NA
Methylene Chloride	100	0.05	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.022 U	0.023 U	0.027 U	0.54 U
m-Xylene & p-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	- -	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Tetrachloroethene	19	1.3	0.0030 J	0.0062 UJ	0.0058 UJ	0.0061 UJ	0.0056 UJ	0.0054 U	0.0058 U	0.0067 U	0.54 U
Toluene	100	0.7	0.0057 UJ	0.0062 UJ	0.0058 UJ	0.0061 UJ	0.0056 UJ	0.0054 U	0.0058 U	0.0011 U	0.54 U
Trichloroethene	21	0.47	0.0057 U	0.0062 U	0.0058 U	0.0061 U	0.0056 U	0.0054 U	0.0058 U	0.0067 U	0.54 U
Xylenes (total)	100	1.6	0.017 U	0.019 U	0.017 U	0.0016 J	0.017 U	0.0054 U	0.0033 J	0.0067 U	0.13 J
Total BTEX	- -	- -	0.0010 J	0.0028 J	0.0094	0.14 J	0.0047 J	ND	0.0033 J	ND	0.13 J
Total VOCs	- -	- -	0.0040 J	0.054 J	0.033 J	0.16 J	0.025 J	ND	0.0033 J	0.0044 J	0.48 J

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-220	SB-221	SB-221	SB-221	SB-221	SB-222	SB-222	SB-222	SB-222
Sample Depth(Feet):			21 - 21.5	2 - 4	6 - 8	9.5 - 10	24 - 25	1 - 3	7.5 - 8.5	15 - 17	19 - 20
Date Collected:			10/16/06	01/20/07	01/20/07	01/20/07	01/20/07	01/21/07	01/21/07	01/21/07	01/21/07
Volatile Organics											
1,1,1-Trichloroethane	100	0.68	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
1,1,2-Trichloroethane	- -	- -	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
1,1-Dichloroethene	100	0.33	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
1,2,4-Trichlorobenzene	- -	- -	NA	0.0056 UJ	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 UJ
1,2-Dichloroethane	3.1	0.02	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
1,2-Dichloropropane	- -	- -	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
1,4-Dichlorobenzene	13	1.8	NA	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
2-Butanone	100	0.12	0.015 UJ	0.014 U	0.81 U	0.015 U	0.47 J	4.8 U	0.015 U	0.076 U	1.4
2-Hexanone	- -	- -	0.015 U	0.014 U	0.81 U	0.015 U	0.91 U	4.8 U	0.015 U	0.076 U	0.96 U
4-Methyl-2-pentanone	- -	- -	0.015 U	0.014 U	3.4	0.015 U	0.91 U	4.8 U	0.015 U	0.076 U	0.96 U
Acetone	100	0.05	0.031 U	0.014 U	0.81 UJ	0.067	0.91 U	4.8 U	0.019	0.076 U	0.96 U
Benzene	4.8	0.06	0.0077 U	0.0056 U	0.32 U	0.0014 J	0.71	0.39 J	0.0021 J	0.72	4.4
Carbon Disulfide	- -	- -	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.00066 J	0.030 U	0.38 U
Chlorobenzene	100	1.1	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Chloroform	49	0.37	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Chloromethane	- -	- -	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
cis-1,2-Dichloroethene	100	0.25	0.0077 U	0.0056 UJ	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 UJ
Cyclohexane	- -	- -	NA	0.0056 UJ	0.56 J	0.015	0.36 U	1.9 U	0.0060 U	0.20	0.38 UJ
Dichlorodifluoromethane	- -	- -	NA	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Ethylbenzene	41	1	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.69	17	0.0038 J	0.024 J	1.5
Isopropylbenzene	- -	- -	NA	0.0056 U	3.0	0.031	0.36 U	1.9 U	0.0022 J	0.13	0.38 U
Methyl Acetate	- -	- -	NA	0.0056 UJ	0.32 UJ	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 UJ
Methyl tert-butyl ether	100	0.93	NA	0.0056 U	0.32 U	0.0010 J	0.36 U	1.9 U	0.0060 U	0.011 J	0.12 J
Methylcyclohexane	- -	- -	NA	0.0056 U	5.3	0.068	0.36 U	17	0.0034 J	0.17	0.38 U
Methylene Chloride	100	0.05	0.031 U	0.0017 J	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.13 J
m-Xylene & p-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	- -	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	- -	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Tetrachloroethene	19	1.3	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Toluene	100	0.7	0.0077 U	0.0056 U	2.5	0.0060 U	0.14 J	1.0 J	0.0060 U	0.0064 J	0.57
Trichloroethene	21	0.47	0.0077 U	0.0056 U	0.32 U	0.0060 U	0.36 U	1.9 U	0.0060 U	0.030 U	0.38 U
Xylenes (total)	100	1.6	0.0077 U	0.017 U	0.32 U	0.018 U	0.68	160	0.031	0.073 J	1.3
Total BTEX	- -	- -	ND	ND	2.5	0.0014 J	2.2 J	180 J	0.037 J	0.82 J	7.8
Total VOCs	- -	- -	ND	0.0017 J	5.9	0.068 J	2.7 J	180 J	0.057 J	0.82 J	9.3 J

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS FOR VOCs (ppm)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Notes:
1. Samples were collected by ARCADIS between Ocotber 2006 and March 2007
2. VOCs = Volatile Organic Compounds.
3. NYSDEC = New York State Department of Environmental Conservation.
4. bgs = below ground surface.
5. Samples were analyzed by CompuChem Laboratories, Inc. located in Cary, North Carolina
   - VOCs using United States Environmental Protection Agency (USEPA) SW-846 Method 8260B.
6. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg)
7. Field duplicate sample results are presented in brackets.
8. Data qualifiers are defined as follows:
   J = Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
   ND = None detected.
   U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ = The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
9. 6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives (SCOs) are from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375-6.8(
10. - - = No 6 NYCRR Part 375 SCO listed.
11. NA = Not Analyzed.

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	MTP-1	MTP-1	MTP-1	MTP-1	MTP-2	MTP-2	MTP-2	MTP-2	MTP-3	MTP-3	SB-208
Sample Depth(Feet):			3 - 4	8 - 9	19 - 20	23 - 24	9 - 10	18 - 19	22 - 23	24 - 25	8 - 9	24 - 25	2 - 3
Date Collected:			02/10/07	02/10/07	02/10/07	02/10/07	02/10/07	02/10/07	02/10/07	02/10/07	03/03/07	03/03/07	01/20/07
Semi Volatile Organics													
1,1-Biphenyl	- -	- -	0.36 U	0.14 J	0.46 U	0.41 U	0.10 J	37 J	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
2,4-Dimethylphenol	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
2,4-Dinitrotoluene	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
2-Methylnaphthalene	- -	- -	0.20 J	4.4	0.62	0.41 U	1.4	380	0.36 U	0.36 U	0.41 U	0.51 U	0.095 J
2-Methylphenol	100	0.33	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
4-Chloroaniline	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
4-Chlorophenyl-phenylether	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
4-Methylphenol	100	0.33	0.73 U	0.73 U	0.93 U	0.83 U	0.78 U	150 U	0.73 U	0.73 U	0.81 U	1.0 U	0.74 U
Acenaphthene	100	98	0.085 J	0.17 J	1.2	0.41 U	0.080 J	74 J	0.31 J	0.089 J	0.41 U	0.51 U	0.24 J
Acenaphthylene	100	107	0.062 J	0.37 U	0.46 U	0.41 U	0.39 U	29 J	0.090 J	0.073 J	0.41 U	0.51 U	0.068 J
Anthracene	100	1,000	0.16 J	0.30 J	0.52	0.41 U	0.11 J	81	0.15 J	0.082 J	0.41 U	0.51 U	0.44
Benzaldehyde	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Benzo(a)anthracene	1	1	0.49	0.39	0.48	0.41 U	0.18 J	46 J	0.36 U	0.36 U	0.41 U	0.51 U	1.2
Benzo(a)pyrene	1	22	0.53	0.28 J	0.36 J	0.41 U	0.19 J	35 J	0.36 U	0.36 U	0.41 U	0.51 U	1.3
Benzo(b)fluoranthene	1	1.7	0.57	0.31 J	0.43 J	0.41 U	0.21 J	26 J	0.36 U	0.36 U	0.41 U	0.51 U	1.7
Benzo(g,h,i)perylene	100	1,000	0.34 J	0.14 J	0.18 J	0.41 U	0.15 J	18 J	0.36 U	0.36 U	0.41 U	0.51 U	0.86 J
Benzo(k)fluoranthene	3.9	1.7	0.30 J	0.14 J	0.19 J	0.41 U	0.15 J	35 J	0.36 U	0.36 U	0.41 U	0.51 U	0.60
bis(2-Ethylhexyl)phthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.43 U	0.41 U	0.51 U	0.37 U
Butylbenzylphthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.11 J	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Caprolactam	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 UJ	0.36 U	0.36 U	0.41 U	0.51 U	0.37 UJ
Carbazole	- -	- -	0.095 J	0.14 J	1.1	0.41 U	0.083 J	63 J	0.15 J	0.36 U	0.41 U	0.51 U	0.24 J
Chrysene	3.9	1	0.49	0.34 J	0.43 J	0.41 U	0.25 J	47 J	0.36 U	0.36 U	0.41 U	0.51 U	1.2
Dibenzo(a,h)anthracene	0.33	1,000	0.075 J	0.37 U	0.46 U	0.41 U	0.11 J	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.19 J
Dibenzofuran	59	210	0.099 J	0.11 J	0.65	0.41 U	0.39 U	93	0.36 U	0.36 U	0.41 U	0.51 U	0.17 J
Diethylphthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Dimethylphthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Di-n-Butylphthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.10 J	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Di-n-Octylphthalate	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.42	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Fluoranthene	100	1,000	0.96	0.98	1.5	0.41 U	0.18 J	160	0.32 J	0.12 J	0.41 U	0.51 U	3.1
Fluorene	100	386	0.17 J	0.22 J	0.84	0.41 U	0.095 J	100	0.068 J	0.36 U	0.41 U	0.51 U	0.25 J
Hexachlorobenzene	1.2	3.2	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 UJ	0.36 U	0.41 U	0.51 U	0.37 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.33 J	0.15 J	0.19 J	0.41 U	0.14 J	20 J	0.36 U	0.36 U	0.41 U	0.51 U	0.88 J
Isophorone	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Naphthalene	100	12	0.61	5.5	3.9	0.41 U	0.52	22,000 D	0.72	0.54	0.41 U	0.51 U	0.15 J
N-Nitrosodiphenylamine	- -	- -	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	0.75	0.37	0.48	ND	0.36	45	ND	ND	ND	ND	1.9
Pentachlorophenol	6.7	0.8	0.73 UJ	0.73 UJ	0.93 UJ	0.83 UJ	0.78 UJ	150 U	0.73 U	0.73 UJ	0.81 U	1.0 U	0.74 U
Phenanthrene	100	1,000	0.76	1.1	2.1	0.41 U	0.37 J	300	0.36 U	0.074 J	0.41 U	0.51 U	2.5
Phenol	100	0.33	0.36 U	0.37 U	0.46 U	0.41 U	0.39 U	77 U	0.36 U	0.36 U	0.41 U	0.51 U	0.37 U
Pyrene	100	1,000	0.91	0.97	1.3	0.41 U	0.27 J	130	0.34 J	0.36 J	0.41 U	0.51 U	2.5
Total SVOCs	- -	- -	7.2 J	16 J	16 J	ND	5.1 J	24,000 J	2.2 J	1.3 J	ND	ND	18 J
Total PAHs	- -	- -	7.0 J	15 J	14 J	ND	4.4 J	24,000 J	2.0 J	1.3 J	ND	ND	17 J

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted	NYSDEC Restricted Use SCO - Protection of	SB-208	SB-208	SB-209	SB-209	SB-209	SB-210	SB-210	SB-210	SB-210	SB-210	SB-213
Sample Depth(Feet):			9.5 - 10	19 - 20	9.4 - 10	11 - 13	19 - 20	7 - 9	11 - 13	21 - 23	25 - 27	36 - 37	8 - 9
Date Collected:	Residential	Groundwater	01/20/07	01/20/07	01/20/07	01/20/07	01/20/07	12/16/06	12/16/06	12/16/06	12/16/06	12/16/06	02/10/07
Semi Volatile Organics													
1,1-Biphenyl	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	0.34 J
2,4-Dimethylphenol	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
2,4-Dinitrotoluene	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.090 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
2-Methylnaphthalene	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.14 J	0.43 U	0.42 U	0.43 U	0.40 U	3.7
2-Methylphenol	100	0.33	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
4-Chloroaniline	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
4-Chlorophenyl-phenylether	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.085 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
4-Methylphenol	100	0.33	0.84 U	1.0 U	0.78 U	0.79 U	0.99 U	0.75 U	0.87 U	0.84 U	0.86 U	0.80 U	3.0 U
Acenaphthene	100	98	0.42 U	0.52 U	0.39 U	0.39 U	0.071 J	0.38 U	0.17 J	0.42 U	0.43 U	0.40 U	0.48 J
Acenaphthylene	100	107	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.088 J	0.42 U	0.43 U	0.40 U	1.5 U
Anthracene	100	1,000	0.071 J	0.52 U	0.39 U	0.39 U	0.12 J	0.13 J	0.091 J	0.42 U	0.43 U	0.40 U	0.52 J
Benzaldehyde	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Benzo(a)anthracene	1	1	0.13 J	0.52 U	0.39 U	0.39 U	0.12 J	0.44	0.43 U	0.42 U	0.43 U	0.40 U	1.2 J
Benzo(a)pyrene	1	22	0.14 J	0.52 U	0.39 U	0.39 U	0.14 J	0.50 J	0.43 U	0.42 U	0.43 U	0.40 U	1.1 J
Benzo(b)fluoranthene	1	1.7	0.17 J	0.52 U	0.39 U	0.39 U	0.14 J	0.60	0.43 U	0.42 U	0.43 U	0.40 U	2.0
Benzo(g,h,i)perylene	100	1,000	0.081 J	0.52 U	0.39 U	0.39 U	0.13 J	0.30 J	0.43 U	0.42 U	0.43 U	0.40 U	0.87 J
Benzo(k)fluoranthene	3.9	1.7	0.42 U	0.52 U	0.39 U	0.39 U	0.15 J	0.55 J	0.43 U	0.42 U	0.43 U	0.40 U	1.0 J
bis(2-Ethylhexyl)phthalate	- -	- -	0.13 J	0.52 U	0.39 U	0.39 U	0.14 J	0.44 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Butylbenzylphthalate	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.12 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Caprolactam	- -	- -	0.42 UJ	0.52 UJ	0.39 UJ	0.39 UJ	0.49 UJ	0.21 J	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Carbazole	- -	- -	0.42 UJ	0.52 UJ	0.39 UJ	0.39 UJ	0.11 J	0.38 U	0.12 J	0.42 U	0.43 U	0.40 U	1.5 U
Chrysene	3.9	1	0.13 J	0.52 U	0.39 U	0.39 U	0.12 J	0.51	0.43 U	0.42 U	0.43 U	0.40 U	1.8
Dibenzo(a,h)anthracene	0.33	1,000	0.42 U	0.52 U	0.39 U	0.39 U	0.12 J	0.15 J	0.43 U	0.42 U	0.43 U	0.40 U	0.23 J
Dibenzofuran	59	210	0.42 U	0.52 U	0.39 U	0.39 U	0.079 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	0.26 J
Diethylphthalate	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.14 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Dimethylphthalate	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.10 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Di-n-Butylphthalate	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.14 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Di-n-Octylphthalate	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.14 J	0.38 UJ	0.43 U	0.42 U	0.43 U	0.40 U	0.59 J
Fluoranthene	100	1,000	0.30 J	0.52 U	0.39 U	0.39 U	0.13 J	0.72	0.43 U	0.42 U	0.43 U	0.40 U	2.5
Fluorene	100	386	0.42 U	0.52 U	0.39 U	0.39 U	0.096 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	0.69 J
Hexachlorobenzene	1.2	3.2	0.42 U	0.52 U	0.39 U	0.39 U	0.10 J	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.089 J	0.52 U	0.39 U	0.39 U	0.13 J	0.27 J	0.43 U	0.42 U	0.43 U	0.40 U	1.0 J
Isophorone	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Naphthalene	100	12	0.42 U	0.52 U	0.39 U	0.39 U	0.29 J	0.16 J	0.086 J	0.059 J	0.43 U	0.40 U	4.6
N-Nitrosodiphenylamine	- -	- -	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	0.18	ND	ND	ND	0.30	0.79	ND	ND	ND	ND	1.8
Pentachlorophenol	6.7	0.8	0.84 U	1.0 U	0.78 U	0.79 U	0.073 J	0.75 U	0.87 U	0.84 U	0.86 U	0.80 U	3.0 UJ
Phenanthrene	100	1,000	0.31 J	0.52 U	0.39 U	0.39 U	0.11 J	0.51	0.43 U	0.42 U	0.43 U	0.40 U	3.1
Phenol	100	0.33	0.42 U	0.52 U	0.39 U	0.39 U	0.49 U	0.38 U	0.43 U	0.42 U	0.43 U	0.40 U	1.5 U
Pyrene	100	1,000	0.23 J	0.52 U	0.39 U	0.39 U	0.12 J	0.93 J	0.084 J	0.063 J	0.43 U	0.40 U	2.4
Total SVOCs	- -	- -	1.8 J	ND	ND	ND	3.3 J	5.9 J	0.64 J	0.12 J	ND	ND	28 J
Total PAHs	- -	- -	1.7 J	ND	ND	ND	2.0 J	5.9 J	0.52 J	0.12 J	ND	ND	27 J

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted	NYSDEC Restricted Use SCO - Protection of	SB-213	SB-214	SB-214	SB-214	SB-214	SB-215	SB-215	SB-215	SB-215	SB-215	SB-219
Sample Depth(Feet):			19 - 20	5 - 7	9.5 - 10	11 - 13	19 - 20	8 - 10	14 - 16	26 - 28	30 - 32	34 - 36	5.5 - 6
Date Collected:	Residential	Groundwater	02/10/07	01/21/07	01/21/07	01/21/07	01/21/07	12/16/06	12/16/06	12/16/06	12/16/06	12/16/06	10/17/06
Semi Volatile Organics													
1,1-Biphenyl	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	NA
2,4-Dimethylphenol	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
2,4-Dinitrotoluene	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
2-Methylnaphthalene	- -	- -	0.50 U	2.7	0.19 J	0.38 U	0.11 J	0.22 J	0.063 J	0.21 J	0.40 U	0.37 U	1.6
2-Methylphenol	100	0.33	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
4-Chloroaniline	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
4-Chlorophenyl-phenylether	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
4-Methylphenol	100	0.33	1.0 U	0.70 U	0.77 U	0.76 U	1.0 U	0.75 U	0.81 U	1.5 U	0.80 U	0.73 U	0.34 U
Acenaphthene	100	98	0.50 U	1.1	0.084 J	0.38 U	0.50 U	0.30 J	0.19 J	0.87 J	0.40 U	0.37 U	0.11 J
Acenaphthylene	100	107	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.10 J	0.073 J	0.22 J	0.40 U	0.37 U	0.34 U
Anthracene	100	1,000	0.50 U	0.81	0.075 J	0.38 U	0.50 U	0.68	0.18 J	1.5	0.40 U	0.37 U	0.059 J
Benzaldehyde	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	NA
Benzo(a)anthracene	1	1	0.50 U	0.76	0.071 J	0.38 U	0.50 U	1.3	0.44	2.9	0.40 U	0.37 U	0.067 J
Benzo(a)pyrene	1	22	0.50 U	0.16 J	0.38 U	0.38 U	0.50 U	1.2	0.43	2.5	0.40 U	0.37 U	0.071 J
Benzo(b)fluoranthene	1	1.7	0.50 U	0.23 J	0.38 U	0.38 U	0.50 U	1.4	0.47	2.6	0.40 U	0.37 U	0.34 U
Benzo(g,h,i)perylene	100	1,000	0.50 U	0.091 J	0.38 U	0.38 U	0.50 U	0.38	0.18 J	0.71 J	0.40 U	0.37 U	0.088 J
Benzo(k)fluoranthene	3.9	1.7	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	1.2	0.38 J	2.4	0.40 U	0.37 U	0.055 J
bis(2-Ethylhexyl)phthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.080 J	0.50 U	0.87	1.0	0.77 U	0.40 U	0.37 U	0.067 J
Butylbenzylphthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Caprolactam	- -	- -	0.50 U	0.35 UJ	0.38 U	0.38 UJ	0.50 UJ	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	NA
Carbazole	- -	- -	0.50 U	0.35 UJ	0.38 U	0.38 UJ	0.50 UJ	0.26 J	0.088 J	0.70 J	0.40 U	0.37 U	0.34 U
Chrysene	3.9	1	0.50 U	0.74	0.070 J	0.38 U	0.50 U	1.4	0.47	3.0	0.40 U	0.37 U	0.075 J
Dibenzo(a,h)anthracene	0.33	1,000	0.50 U	0.046 J	0.38 U	0.38 U	0.50 U	0.12 J	0.051 J	0.25 J	0.40 U	0.37 U	0.34 U
Dibenzofuran	59	210	0.50 U	0.58	0.38 U	0.38 U	0.50 U	0.21 J	0.063 J	0.37 J	0.40 U	0.37 U	0.34 U
Diethylphthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Dimethylphthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Di-n-Butylphthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.14 J	0.40 U	0.37 U	0.34 U
Di-n-Octylphthalate	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Fluoranthene	100	1,000	0.50 U	1.1	0.075 J	0.38 U	0.50 U	3.4	0.86	7.1	0.40 U	0.37 U	0.088 J
Fluorene	100	386	0.50 U	0.89	0.38 U	0.38 U	0.50 U	0.35 J	0.15 J	0.57 J	0.40 U	0.37 U	0.16 J
Hexachlorobenzene	1.2	3.2	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.50 U	0.093 J	0.38 U	0.38 U	0.50 U	0.44	0.19 J	0.91	0.40 U	0.37 U	0.083 J
Isophorone	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Naphthalene	100	12	0.50 U	0.35 U	0.38 U	0.38 U	0.058 J	0.27 J	0.077 J	0.35 J	0.40 U	0.37 U	0.14 J
N-Nitrosodiphenylamine	- -	- -	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.19 J
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	ND	0.32	0.0078	ND	ND	1.7	0.60	3.5	ND	ND	0.087
Pentachlorophenol	6.7	0.8	1.0 UJ	0.70 U	0.77 U	0.76 U	1.0 U	0.75 U	0.81 U	1.5 U	0.80 U	0.73 U	1.6 U
Phenanthrene	100	1,000	0.50 U	2.8	0.23 J	0.38 U	0.50 U	3.0	0.60	5.8	0.40 U	0.37 U	0.34
Phenol	100	0.33	0.50 U	0.35 U	0.38 U	0.38 U	0.50 U	0.38 U	0.41 U	0.77 U	0.40 U	0.37 U	0.34 U
Pyrene	100	1,000	0.50 U	1.6	0.15 J	0.38 U	0.50 U	3.0	0.87	6.1	0.40 U	0.37 U	0.14 J
Total SVOCs	- -	- -	ND	14 J	0.95 J	0.080 J	0.17 J	20 J	6.8 J	39 J	ND	ND	3.3 J
Total PAHs	- -	- -	ND	13 J	0.95 J	ND	0.17 J	19 J	5.7 J	38 J	ND	ND	3.1 J

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-219	SB-219	SB-220	SB-220	SB-221	SB-221	SB-221	SB-221	SB-222	SB-222	SB-222
Sample Depth(Feet):			10 - 10.5	32 - 32.5	7.5 - 8	21 - 21.5	2 - 4	6 - 8	9.5 - 10	24 - 25	1 - 3	7.5 - 8.5	15 - 17
Date Collected:			10/17/06	10/17/06	10/16/06	10/16/06	01/20/07	01/20/07	01/20/07	01/20/07	01/21/07	01/21/07	01/21/07
Semi Volatile Organics													
1,1-Biphenyl	- -	- -	NA	NA	NA	NA	0.37 U	4.3 U	0.40 U	0.48 U	2.0	0.39 U	0.40 U
2,4-Dimethylphenol	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
2,4-Dinitrotoluene	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
2-Methylnaphthalene	- -	- -	0.22 J	0.44 U	1.0	0.50 U	0.096 J	4.3 U	0.21 J	0.48 U	74 D	0.27 J	0.11 J
2-Methylphenol	100	0.33	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
4-Chloroaniline	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
4-Chlorophenyl-phenylether	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
4-Methylphenol	100	0.33	0.38 U	0.44 U	0.35 U	0.50 U	0.74 U	8.6 U	0.80 U	0.96 U	0.77 U	0.79 U	0.80 U
Acenaphthene	100	98	0.38 U	0.44 U	0.35 U	0.50 U	0.30 J	2.4 J	0.099 J	0.48 U	1.1	0.39 U	0.40 U
Acenaphthylene	100	107	0.38 U	0.44 U	0.35 U	0.50 U	0.37 J	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Anthracene	100	1,000	0.38 U	0.44 U	0.35 U	0.50 U	1.2	4.3 U	0.40 U	0.48 U	0.21 J	0.39 U	0.40 U
Benzaldehyde	- -	- -	NA	NA	NA	NA	0.37 U	1.6 J	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Benzo(a)anthracene	1	1	0.38 U	0.44 U	0.18 J	0.50 U	6.0 D	4.3 U	0.40 U	0.48 U	0.59	0.39 U	0.40 U
Benzo(a)pyrene	1	22	0.38 U	0.44 U	0.12 J	0.50 U	8.4 D	4.3 U	0.40 U	0.48 U	1.4	0.39 U	0.40 U
Benzo(b)fluoranthene	1	1.7	0.38 U	0.44 U	0.13 J	0.50 U	8.7 D	4.3 U	0.40 U	0.48 U	1.3	0.39 U	0.40 U
Benzo(g,h,i)perylene	100	1,000	0.38 UJ	0.44 UJ	0.087 J	0.50 UJ	5.3 J	4.3 U	0.40 U	0.48 U	1.1	0.39 U	0.40 U
Benzo(k)fluoranthene	3.9	1.7	0.38 U	0.44 U	0.12 J	0.50 U	4.2 D	4.3 U	0.40 U	0.48 U	0.65	0.39 U	0.40 U
bis(2-Ethylhexyl)phthalate	- -	- -	0.060 J	0.080 J	0.35 U	0.087 J	0.086 J	4.3 U	0.40 U	0.11 J	0.82	0.39 U	0.40 U
Butylbenzylphthalate	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Caprolactam	- -	- -	NA	NA	NA	NA	0.37 UJ	4.3 UJ	0.40 UJ	0.48 UJ	0.38 UJ	0.39 UJ	0.40 UJ
Carbazole	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 J	4.3 UJ	0.40 UJ	0.48 UJ	0.29 J	0.39 UJ	0.40 UJ
Chrysene	3.9	1	0.38 U	0.44 U	0.20 J	0.50 U	5.8 D	4.3 U	0.40 U	0.48 U	0.73	0.39 U	0.40 U
Dibenzo(a,h)anthracene	0.33	1,000	0.38 UJ	0.44 UJ	0.35 UJ	0.50 UJ	1.6	4.3 U	0.40 U	0.48 U	0.24 J	0.39 U	0.40 U
Dibenzofuran	59	210	0.38 U	0.44 U	0.35 U	0.50 U	0.20 J	1.6 J	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Diethylphthalate	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Dimethylphthalate	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Di-n-Butylphthalate	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Di-n-Octylphthalate	- -	- -	0.38 UJ	0.44 UJ	0.35 UJ	0.50 UJ	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Fluoranthene	100	1,000	0.38 U	0.44 U	0.38	0.50 U	7.6 D	0.82 J	0.40 U	0.48 U	0.87	0.39 U	0.40 U
Fluorene	100	386	0.38 U	0.44 U	0.076 J	0.50 U	0.32 J	6.2	0.20 J	0.48 U	2.0	0.39 U	0.40 U
Hexachlorobenzene	1.2	3.2	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.38 UJ	0.44 UJ	0.12 J	0.50 UJ	5.7 JD	4.3 U	0.40 U	0.48 U	1.3	0.39 U	0.40 U
Isophorone	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Naphthalene	100	12	0.38 U	0.44 U	0.35 U	0.50 U	0.19 J	4.3 U	0.40 U	0.48 U	42 D	0.13 J	0.099 J
N-Nitrosodiphenylamine	- -	- -	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	2.2	0.39 U	0.40 U
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	ND	ND	0.17	ND	12	ND	ND	ND	2.0	ND	ND
Pentachlorophenol	6.7	0.8	1.8 U	2.1 U	1.7 U	2.4 U	0.74 U	8.6 U	0.80 U	0.96 U	0.77 U	0.79 U	0.80 U
Phenanthrene	100	1,000	0.38 U	0.44 U	0.34 J	0.50 U	3.2	12	0.34 J	0.48 U	3.8	0.39 U	0.40 U
Phenol	100	0.33	0.38 U	0.44 U	0.35 U	0.50 U	0.37 U	4.3 U	0.40 U	0.48 U	0.38 U	0.39 U	0.40 U
Pyrene	100	1,000	0.38 U	0.44 U	0.41	0.50 U	5.8 D	1.4 J	0.070 J	0.48 U	1.3	0.39 U	0.40 U
Total SVOCs	- -	- -	0.28 J	0.080 J	3.2 J	0.087 J	65 J	24 J	0.92 J	0.11 J	140 J	0.40 J	0.21 J
Total PAHs	- -	- -	0.22 J	ND	3.2 J	ND	65 J	23 J	0.92 J	ND	130 J	0.40 J	0.21 J

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-222	SB-223	SB-223	SB-223	SB-223	SB-224	SB-224	SB-224	SB-254	SB-254
Sample Depth(Feet):			19 - 20	12.5 - 13	17.5 - 18	28 - 28.5	32 - 32.5	8 - 8.5	34.5 - 35	37.5 - 38	8 - 9	19 - 20
Date Collected:			01/21/07	10/13/06	10/13/06	10/13/06	10/13/06	10/12/06	10/12/06	10/12/06	03/03/07	03/03/07
Semi Volatile Organics												
1,1-Biphenyl	- -	- -	0.51 U	NA	NA	NA	NA	NA	NA	NA	0.38 U	0.49 U
2,4-Dimethylphenol	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
2,4-Dinitrotoluene	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
2-Methylnaphthalene	- -	- -	0.12 J	2.2 J [1.9]	0.46 UJ	72 U	0.41 U	4.2	47 J	0.24 J	0.38 U	0.055 J
2-Methylphenol	100	0.33	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
4-Chloroaniline	- -	- -	0.51 U	0.36 U [0.19 J]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
4-Chlorophenyl-phenylether	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
4-Methylphenol	100	0.33	1.0 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.75 U	0.99 U
Acenaphthene	100	98	0.51 U	0.36 U [0.38 U]	0.46 U	26 J	0.87	0.83	230	0.52	0.38 U	0.49 U
Acenaphthylene	100	107	0.51 U	1.0 [0.84]	0.46 U	56 J	0.32 J	0.37 J	57 J	0.14 J	0.38 U	0.49 U
Anthracene	100	1,000	0.51 U	0.77 [0.62]	0.46 U	130	0.41 U	0.87	210	0.59	0.38 U	0.49 U
Benzaldehyde	- -	- -	0.51 U	NA	NA	NA	NA	NA	NA	NA	0.38 U	0.49 U
Benzo(a)anthracene	1	1	0.51 U	0.99 [0.80]	0.46 U	110	0.41 U	0.40 J	160	0.43 J	0.38 U	0.49 U
Benzo(a)pyrene	1	22	0.51 U	0.89 [0.71]	0.46 U	82	0.41 U	0.28 J	120	0.31 J	0.38 U	0.49 U
Benzo(b)fluoranthene	1	1.7	0.51 U	0.70 [0.63]	0.46 U	49 J	0.41 U	0.21 J	64 J	0.18 J	0.38 U	0.49 U
Benzo(g,h,i)perylene	100	1,000	0.51 U	0.30 J [0.25 J]	0.46 U	39 J	0.41 U	0.20 J	58 J	0.095 J	0.38 U	0.49 U
Benzo(k)fluoranthene	3.9	1.7	0.51 U	0.65 [0.45]	0.46 U	63 J	0.41 U	0.18 J	85	0.23 J	0.38 U	0.49 U
bis(2-Ethylhexyl)phthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.064 J	0.38 U	0.49 U
Butylbenzylphthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.082 J	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Caprolactam	- -	- -	0.51 UJ	NA	NA	NA	NA	NA	NA	NA	0.38 U	0.49 U
Carbazole	- -	- -	0.51 UJ	0.33 J [0.25 J]	0.46 U	13 J	0.41 U	0.69 U	61 J	0.20 J	0.38 U	0.49 U
Chrysene	3.9	1	0.51 U	1.0 [0.80]	0.46 U	100	0.41 U	0.56 J	140	0.38 J	0.38 U	0.49 U
Dibenzo(a,h)anthracene	0.33	1,000	0.51 U	0.11 J [0.083 J]	0.46 U	72 U	0.41 U	0.69 U	16 J	0.43 U	0.38 U	0.49 U
Dibenzofuran	59	210	0.51 U	0.15 J [0.11 J]	0.46 U	56 J	0.16 J	0.69 U	150	0.35 J	0.38 U	0.49 U
Diethylphthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Dimethylphthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Di-n-Butylphthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Di-n-Octylphthalate	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Fluoranthene	100	1,000	0.51 U	2.1 [1.7]	0.46 U	230	0.41 U	0.81	330	0.83	0.38 U	0.11 J
Fluorene	100	386	0.51 U	0.27 J [0.25 J]	0.46 U	110	0.058 J	1.9	260	0.64	0.38 U	0.49 U
Hexachlorobenzene	1.2	3.2	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.51 U	0.39 [0.30 J]	0.46 U	35 J	0.41 U	0.15 J	50 J	0.083 J	0.38 U	0.49 U
Isophorone	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Naphthalene	100	12	0.17 J	0.57 [0.49]	0.47	15 J	0.41 U	0.69 U	410	0.59	0.38 U	0.13 J
N-Nitrosodiphenylamine	- -	- -	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	ND	1.2 [0.98]	ND	100	ND	0.36	170	0.39	ND	ND
Pentachlorophenol	6.7	0.8	1.0 U	1.8 UJ [1.8 UJ]	2.3 UJ	350 UJ	2.0 UJ	3.3 UJ	410 UJ	2.1 UJ	0.75 U	0.99 U
Phenanthrene	100	1,000	0.51 U	0.77 [0.64]	0.46 U	360	0.14 J	7.7	690	1.8	0.38 U	0.20 J
Phenol	100	0.33	0.51 U	0.36 U [0.38 U]	0.46 U	72 U	0.41 U	0.69 U	84 U	0.43 U	0.38 U	0.49 U
Pyrene	100	1,000	0.51 U	1.6 [1.3]	0.46 U	240	0.41 U	2.5	350	1.0	0.38 U	0.11 J
Total SVOCs	- -	- -	0.29 J	15 J [12 J]	0.47	1,700 J	1.6 J	21 J	3,500 J	8.7 J	ND	0.61 J
Total PAHs	- -	- -	0.29 J	14 J [12 J]	0.47	1,700 J	1.4 J	21 J	3,300 J	8.1 J	ND	0.61 J

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	NYSDEC Restricted Use SCO - Restricted Residential	NYSDEC Restricted Use SCO - Protection of Groundwater	SB-272	SB-272	SB-272	SB-273	SB-273	SB-273
Sample Depth(Feet):			7 - 8	16 - 17	24 - 25	9 - 10	24 - 25	29 - 30
Date Collected:			03/05/07	03/05/07	03/05/07	03/03/07	03/03/07	03/03/07
Semi Volatile Organics								
1,1-Biphenyl	- -	- -	0.43 U	8.0	0.57 U	0.36 U	0.41 U	0.40 U
2,4-Dimethylphenol	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
2,4-Dinitrotoluene	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
2-Methylnaphthalene	- -	- -	0.42 J	55 D	0.28 J	69 D	0.41 U	0.40 U
2-Methylphenol	100	0.33	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
4-Chloroaniline	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
4-Chlorophenyl-phenylether	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
4-Methylphenol	100	0.33	0.86 U	4.0 U	1.1 U	0.73 U	0.81 U	0.80 U
Acenaphthene	100	98	0.090 J	36 D	0.19 J	2.2 J	0.41 U	0.40 U
Acenaphthylene	100	107	0.23 J	3.6	0.57 U	0.36 U	0.41 U	0.40 U
Anthracene	100	1,000	0.23 J	29 D	0.17 J	0.68	0.41 U	0.40 U
Benzaldehyde	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Benzo(a)anthracene	1	1	0.30 J	21 D	0.15 J	0.14 J	0.41 U	0.40 U
Benzo(a)pyrene	1	22	0.30 J	16 D	0.12 J	0.36 U	0.41 U	0.40 U
Benzo(b)fluoranthene	1	1.7	0.22 J	8.9	0.57 U	0.36 U	0.41 U	0.40 U
Benzo(g,h,i)perylene	100	1,000	0.18 J	6.2	0.57 U	0.36 U	0.41 U	0.40 U
Benzo(k)fluoranthene	3.9	1.7	0.25 J	14 D	0.57 U	0.36 U	0.41 U	0.40 U
bis(2-Ethylhexyl)phthalate	- -	- -	0.43 U	2.0 U	0.57 UJ	0.36 U	0.41 U	0.40 U
Butylbenzylphthalate	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Caprolactam	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Carbazole	- -	- -	0.086 J	11 D	0.57 U	0.34 J	0.41 U	0.40 U
Chrysene	3.9	1	0.28 J	18 D	0.13 J	0.29 J	0.41 U	0.40 U
Dibenzo(a,h)anthracene	0.33	1,000	0.062 J	2.2	0.57 U	0.36 U	0.41 U	0.40 U
Dibenzofuran	59	210	0.13 J	20 D	0.12 J	0.70	0.41 U	0.40 U
Diethylphthalate	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Dimethylphthalate	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Di-n-Butylphthalate	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Di-n-Octylphthalate	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Fluoranthene	100	1,000	0.63	39 D	0.27 J	0.28 J	0.41 U	0.40 U
Fluorene	100	386	0.23 J	32 D	0.21 J	3.7	0.41 U	0.40 U
Hexachlorobenzene	1.2	3.2	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.18 J	6.4	0.57 U	0.36 U	0.41 U	0.40 U
Isophorone	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Naphthalene	100	12	0.95	98 D	0.54 J	0.36 U	0.41 U	0.40 U
N-Nitrosodiphenylamine	- -	- -	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
NYSDOH BAP TEQ(-NDs Excluded)	- -	- -	0.44	22	0.14	0.017	ND	ND
Pentachlorophenol	6.7	0.8	0.86 U	4.0 U	1.1 U	0.73 U	0.81 U	0.80 U
Phenanthrene	100	1,000	0.67	85 D	0.62	13 D	0.41 U	0.40 U
Phenol	100	0.33	0.43 U	2.0 U	0.57 U	0.36 U	0.41 U	0.40 U
Pyrene	100	1,000	0.49	42 D	0.28 J	1.6	0.41 U	0.40 U
Total SVOCs	- -	- -	5.9 J	540	3.1 J	92 J	ND	ND
Total PAHs	- -	- -	5.7 J	510	3.0 J	91 J	ND	ND

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS FOR SVOCs (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Notes:

1. Samples were collected by ARCADIS between Ocotber 2006 and March 2007
2. SVOCs = Semi-Volatile Organic Compounds.
3. NYSDEC = New York State Department of Environmental Conservation.
4. bgs = below ground surface.
5. Samples were analyzed by CompuChem Laboratories, Inc. located in Cary, North Carolina
   - SVOCs using USEPA SW-846 Method 8270C.
6. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg)
7. Field duplicate sample results are presented in brackets.
8. Data qualifiers are defined as follows:
   D = The compound was found at a dilution factor.
   J = Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
   ND = None detected.
   U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ = The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
9. 6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives (SCOs) are from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375-6.8(b)
10. - - = No 6 NYCRR Part 375 SCO listed.
11. NA = Not Analyzed.

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	MTP-1 3 - 4 02/10/07	MTP-1 8 - 9 02/10/07	MTP-1 19 - 20 02/10/07	MTP-1 23 - 24 02/10/07	MTP-2 9 - 10 02/10/07	MTP-2 18 - 19 02/10/07	MTP-2 22 - 23 02/10/07	MTP-2 24 - 25 02/10/07	MTP-3 8 - 9 03/03/07	MTP-3 24 - 25 03/03/07	SB-208 2 - 3 01/20/07
Inorganics													
Amenable Cyanide	- -	- -	0.130 U	0.130 U	0.170 U	0.150 U	0.140 U	78.1 U	0.130 U	0.370 B	NA	NA	0.0700
Antimony	- -	- -	0.460 J	0.200 J	0.220 UJ	0.440 J	0.350 J	1.30 J	0.190 UJ	0.170 UJ	0.600 J	0.570 J	0.820 J
Arsenic	16,000	16,000	2.20 J	1.20 J	4.80 J	3.00 J	5.00 J	9.40 J	0.550 J	0.630 J	2.80	10.0	4.80
Beryllium	72,000	47,000	0.320 B	0.330 B	0.550 B	0.610	0.310 B	0.300 B	0.250 B	0.270 B	0.600 B	0.760	0.350 B
Cadmium	4,300	7,500	0.550 U	0.0200 U	0.650 U	0.0200 U	0.360 B	0.630 U	0.0200 U	0.0200 U	0.0200 U	0.0300 U	0.410 B
Chromium	- -	- -	11.7	11.8	18.1	23.2	11.5	9.70	10.3	11.5	17.0	27.6	20.4
Copper	270,000	1,720,000	18.8 J	14.7 J	18.1 J	26.1 J	38.3 J	30.3 J	8.20 J	7.70 J	17.9	16.5	41.8
Cyanide	27,000	40,000	0.130 U	NA	NA	NA	2.20	179	0.530 U	0.520 U	0.150 U	0.180 U	1.00
Lead	400,000	450,000	178 J	11.5 J	12.4 J	14.1 J	76.7 J	1,430 J	2.90 J	3.70 J	8.30 J	11.0 J	708
Mercury	810	730	0.250 J	0.0190 UJ	0.0390 J	0.0210 UJ	0.140 J	0.460 J	0.0210 J	0.0200 J	0.0360 B	0.0480 B	0.550
Nickel	310,000	130,000	13.0	12.5	17.2	22.1	12.7	13.6	8.60	12.7	22.2	24.3	18.8
Selenium	180,000	4,000	0.230 UJ	0.230 UJ	0.270 UJ	0.260 UJ	0.240 UJ	0.260 UJ	0.230 UJ	0.210 UJ	0.250 UJ	0.300 UJ	0.230 UJ
Silver	180,000	8,300	0.150 B	0.0400 U	0.0500 U	0.0500 U	0.0500 U	0.140 B	0.0400 U	0.0400 U	0.0500 U	0.0600 U	0.130 B
Thallium	- -	- -	1.10 U	1.10 U	1.30 U	1.50 U	1.10 U	1.30 U	0.370 U	1.00	0.690 B	1.00 B	0.380 U
Zinc	10,000,000	2,480,000	123 J	28.6 J	68.1 J	41.1 J	88.2 J	197 J	9.10 J	11.8 J	50.7	63.2	399 J

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

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PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	SB-208	SB-208	SB-209	SB-209	SB-209	SB-210	SB-210	SB-210	SB-210	SB-210	SB-213
Sample Depth(Feet):			9.5 - 10	19 - 20	9.4 - 10	11 - 13	19 - 20	7 - 9	11 - 13	21 - 23	25 - 27	36 - 37	8 - 9
Date Collected:			01/20/07	01/20/07	01/20/07	01/20/07	01/20/07	12/16/06	12/16/06	12/16/06	12/16/06	12/16/06	02/10/07
Inorganics													
Amenable Cyanide	- -	- -	0.160 U	0.190 U	0.140 U	0.140 U	0.180 U	NA	NA	NA	NA	NA	13.8 U
Antimony	- -	- -	0.540 J	0.820 J	0.270 J	0.450 J	0.700 J	1.80 J	1.30 UJ	1.20 UJ	1.30 UJ	1.20 UJ	0.780 J
Arsenic	16,000	16,000	2.70	9.00	1.70	2.20	9.10	9.30 J	5.00 J	2.50 J	1.30 J	0.900 J	20.0 J
Beryllium	72,000	47,000	0.580 B	0.790	0.380 B	0.490 B	0.750	0.320 B	0.530 B	0.440 B	0.360 B	0.350 B	0.400 B
Cadmium	4,300	7,500	0.0200 U	0.0300 U	0.0200 U	0.0200 U	0.0300 U	3.50	0.0600 U	0.0800 B	0.0600 U	0.0600 U	0.0200 U
Chromium	- -	- -	18.3	26.3	12.4	15.8	24.4	33.4 J	18.6 J	15.5 J	12.0 J	12.5 J	19.3
Copper	270,000	1,720,000	20.5	15.7	14.2	19.5	13.9	176	17.5	24.6	5.60	10.9	44.3 J
Cyanide	27,000	40,000	0.150 U	NA	NA	0.140 U	NA	2.50	2.30	3.50	1.90	0.490 B	20.2
Lead	400,000	450,000	31.9	10.1	5.90	7.60	9.10	535	15.1	85.2	6.60	6.40	172 J
Mercury	810	730	0.0550	0.0370 B	0.0230 B	0.0240 B	0.0430 B	0.230 J	0.0480 J	0.360 J	0.0210 U	0.0200 U	0.160 J
Nickel	310,000	130,000	16.5	23.1	12.5	16.3	21.9	20.7	17.7	16.7	12.7	14.1	14.6
Selenium	180,000	4,000	0.250 UJ	0.330 UJ	0.240 UJ	0.230 UJ	0.300 UJ	R	R	R	R	R	0.230 UJ
Silver	180,000	8,300	0.0500 U	0.0600 U	0.0500 U	0.0400 U	0.0600 U	0.450 B	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0400 U
Thallium	- -	- -	0.860 B	2.00	0.480 B	0.560 B	1.80	2.00	1.40	0.940 B	0.360 U	0.670 B	1.10 U
Zinc	10,000,000	2,480,000	43.6 J	58.5 J	23.0 J	30.7 J	57.9 J	282	50.6	61.2	15.6	22.6	65.9 J

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

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ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	SB-213	SB-214	SB-214	SB-214	SB-214	SB-215	SB-215	SB-215	SB-215	SB-215	SB-219
Sample Depth(Feet):			19 - 20	5 - 7	9.5 - 10	11 - 13	19 - 20	8 - 10	14 - 16	26 - 28	30 - 32	34 - 36	5.5 - 6
Date Collected:			02/10/07	01/21/07	01/21/07	01/21/07	01/21/07	12/16/06	12/16/06	12/16/06	12/16/06	12/16/06	10/17/06
Inorganics													
Amenable Cyanide	- -	- -	0.180 U	0.130 U	0.140 U	0.140 U	0.180 U	NA	NA	NA	NA	NA	NA
Antimony	- -	- -	0.570 J	0.420 J	0.250 J	0.250 J	0.660 J	1.10 UJ	1.20 UJ	1.20 UJ	1.20 UJ	1.10 UJ	11.8 UJ
Arsenic	16,000	16,000	7.80 J	1.90	1.50	1.40	9.00	6.40 J	3.40 J	6.70 J	3.60 J	0.580 J	8.10 U
Beryllium	72,000	47,000	0.610 B	0.470 B	0.330 B	0.350 B	0.800	0.380 B	0.340 B	0.360 B	0.470 B	0.260 B	2.00 U
Cadmium	4,300	7,500	0.0300 U	0.0200 U	0.0200 U	0.0200 U	0.0300 U	0.890	0.450 B	0.720	0.0600 U	0.0500 U	3.00 U
Chromium	- -	- -	22.0	15.9	12.6	9.20	26.9	17.0 J	15.0 J	17.7 J	24.2 J	8.90 J	18.4
Copper	270,000	1,720,000	14.2 J	25.3	11.5	27.5	14.9	66.5	38.7	62.5	27.5	6.90	27.7
Cyanide	27,000	40,000	0.740 U	NA	0.140 U	0.140 U	NA	0.190 B	1.70	0.150 B	0.110 U	1.40	0.541 U
Lead	400,000	450,000	9.50 J	6.70	5.20	4.60	9.70	320	169	308	9.00	3.90	18.3
Mercury	810	730	0.0400 J	0.0190 B	0.0190 U	0.0300 B	0.0490	0.810 J	0.0560 J	0.220 J	0.0200 U	0.0170 U	0.0280 B
Nickel	310,000	130,000	21.1	17.7	9.90	7.00	23.2	18.6	15.0	18.7	23.2	10.7	16.2
Selenium	180,000	4,000	0.300 UJ	0.210 UJ	R	0.230 UJ	0.320 UJ	R	R	R	R	R	16.2 U
Silver	180,000	8,300	0.0600 U	0.0400 U	0.0500 U	0.0400 U	0.0600 U	0.540 U	0.590 U	0.580 U	0.0600 U	0.0500 U	3.00 U
Thallium	- -	- -	1.50 U	0.480 B	1.20 U	0.520 B	1.40 B	0.970 B	0.500 B	1.10 B	1.50	0.310 U	20.2 U
Zinc	10,000,000	2,480,000	52.1 J	22.6 J	14.5	19.4 J	59.6 J	168	96.2	174	39.8	15.4	42.9 J

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	SB-219 10 - 10.5 10/17/06	SB-219 32 - 32.5 10/17/06	SB-220 7.5 - 8 10/16/06	SB-220 21 - 21.5 10/16/06	SB-221 2 - 4 01/20/07	SB-221 6 - 8 01/20/07	SB-221 9.5 - 10 01/20/07	SB-221 24 - 25 01/20/07	SB-222 1 - 3 01/21/07	SB-222 7.5 - 8.5 01/21/07	SB-222 15 - 17 01/21/07
Inorganics													
Amenable Cyanide	- -	- -	NA	NA	NA	NA	0.140 U	0.160 U	0.150 U	0.180 U	0.140 U	0.150 U	0.150 U
Antimony	- -	- -	14.3 UJ	13.2 UJ	13.8 UJ	21.6 UJ	0.540 J	0.330 J	0.400 J	0.910 J	0.980 J	0.350 J	0.290 J
Arsenic	16,000	16,000	9.70 U	9.50	9.50 U	14.7 U	4.20	2.90	2.60	10.0	15.8	1.70	2.70
Beryllium	72,000	47,000	2.40 U	2.30 U	2.40 U	3.70 U	0.470 B	0.390 B	0.600	0.820	0.470 B	0.530 B	0.510 B
Cadmium	4,300	7,500	3.70 U	3.40 U	3.50 U	5.50 U	0.0200 U	0.0300 U	0.0200 U	0.0300 U	0.120 B	0.0200 U	0.0200 U
Chromium	- -	- -	18.2	23.7	16.3	27.5	16.2	14.4	19.3	27.5	14.7	17.9	15.5
Copper	270,000	1,720,000	23.4	11.7	20.1	13.9	29.9	17.5	16.3	16.8	109	18.3	15.1
Cyanide	27,000	40,000	0.585 U	0.670 U	0.543 U	0.774 U	0.140 U	0.160 U	NA	0.180 U	0.320 B	0.150 U	0.150 U
Lead	400,000	450,000	7.20 B	10.0 B	7.80 B	10.9 B	94.4	52.5	9.50	10.3	459	6.60	8.50
Mercury	810	730	0.0440 U	0.0330 B	0.0470 U	0.0340 B	0.280	0.0350 B	0.0200 U	0.0350 B	0.470	0.0180 U	0.0230 B
Nickel	310,000	130,000	19.5	20.1	14.5 J	24.4 J	16.0	16.6	16.1	24.1	18.0	14.2	14.3
Selenium	180,000	4,000	19.5 U	18.1 U	18.9 U	29.5 U	0.230 UJ	0.270 UJ	0.240 UJ	0.290 UJ	0.230 UJ	0.240 UJ	0.260 UJ
Silver	180,000	8,300	3.70 U	3.40 U	3.50 U	5.50 U	0.0400 U	0.0500 U	0.0500 U	0.0600 U	0.0900 B	0.0500 U	0.0500 U
Thallium	- -	- -	24.4 U	22.6 U	23.6 U	36.9 U	0.430 B	0.730 B	0.660 B	1.80	0.370 U	0.400 B	1.00 B
Zinc	10,000,000	2,480,000	42.3 J	55.9 J	26.1 J	67.9 J	55.7 J	24.3 J	29.1 J	60.9 J	88.3 J	20.4 J	24.7 J

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	SB-222	SB-223	SB-223	SB-223	SB-223	SB-224	SB-224	SB-224	SB-254	SB-254
Sample Depth(Feet):			19 - 20	12.5 - 13	17.5 - 18	28 - 28.5	32 - 32.5	8 - 8.5	34.5 - 35	37.5 - 38	8 - 9	19 - 20
Date Collected:			01/21/07	10/13/06	10/13/06	10/13/06	10/13/06	10/12/06	10/12/06	10/12/06	03/03/07	03/03/07
Inorganics												
Amenable Cyanide	- -	- -	0.180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	- -	- -	0.830 J	12.6 UJ [12.0 U]	17.7 UJ	11.7 UJ	17.6 UJ	11.5 UJ	12.4 UJ	13.1 UJ	0.350 J	0.740 J
Arsenic	16,000	16,000	7.90	8.60 U [8.20 U]	9.40 B	8.00 U	12.0 U	7.80 U	8.50 U	8.90 U	0.430 B	9.90
Beryllium	72,000	47,000	0.770	2.20 U [2.10 U]	3.00 U	2.00 U	3.00 U	2.00 U	2.10 U	2.20 U	0.560 U	0.700 U
Cadmium	4,300	7,500	0.0300 U	3.20 U [3.10 U]	4.50 U	3.00 U	4.50 U	2.90 U	3.20 U	3.40 U	0.0200 U	0.0300 U
Chromium	- -	- -	25.2	11.5 J [24.8]	26.3	15.4	21.3	21.2 J	10.6 J	9.90 J	7.90	23.0
Copper	270,000	1,720,000	14.4	13.1 [27.1]	14.5	13.0	28.5	18.6	8.10	10.8	10.1	14.2
Cyanide	27,000	40,000	NA	0.574 U [0.318 B]	0.736 U	0.145 B	0.166 B	R	0.642 U	0.159 B	0.140 U	0.180 U
Lead	400,000	450,000	9.60	116 [122]	10.9 B	6.00 B	12.5 B	9.10	5.00 B	4.60 B	3.80	9.40
Mercury	810	730	0.0420 B	0.0390 B [0.0440 B]	0.0300 B	0.0460 U	0.0590 U	0.0630	0.0510 U	0.0510 U	0.0200 B	0.0540
Nickel	310,000	130,000	22.7	15.0 J [85.5 J]	24.0 J	14.0 J	25.8 J	15.1 J	17.0 J	15.5 J	8.90	22.0
Selenium	180,000	4,000	0.310 UJ	17.3 U [16.5 U]	24.1 U	16.0 U	24.0 U	15.7 U	17.0 U	17.9 U	0.240 U	0.300 U
Silver	180,000	8,300	0.0600 U	3.20 U [3.10 U]	4.50 U	3.00 U	4.50 U	2.90 U	3.20 U	3.40 U	0.0500 U	0.0600 U
Thallium	- -	- -	1.80	21.6 U [20.6 U]	30.2 U	20.0 U	30.1 U	19.6 U	21.3 U	22.3 U	0.380 U	1.20 B
Zinc	10,000,000	2,480,000	59.9 J	26.3 J [39.3 J]	68.7 J	23.3 J	61.0 J	23.6 J	12.6 J	23.1 J	11.2	57.0

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Sample Depth(Feet): / Date Collected:	Restricted Use SCO - Restricted Residential	Restricted Use SCO - Protection of Groundwater	SB-272 7 - 8 03/05/07	SB-272 16 - 17 03/05/07	SB-272 24 - 25 03/05/07	SB-273 9 - 10 03/03/07	SB-273 24 - 25 03/03/07	SB-273 29 - 30 03/03/07
Inorganics								
Amenable Cyanide	- -	- -	NA	NA	NA	NA	NA	NA
Antimony	- -	- -	0.450 J	0.200 UJ	0.550 J	0.420 J	0.270 J	0.320 J
Arsenic	16,000	16,000	2.90	1.30	12.0	1.00 B	0.250 B	1.10 B
Beryllium	72,000	47,000	0.380 B	0.280 B	1.00	0.340 B	0.560 U	0.660
Cadmium	4,300	7,500	0.0200 U	0.0200 U	0.0300 U	0.0200 U	0.0200 U	0.0200 U
Chromium	- -	- -	11.0	8.00	32.0	10.4	5.40	17.2
Copper	270,000	1,720,000	16.0	10.8	28.6	13.1	2.20	9.00
Cyanide	27,000	40,000	0.510 J	0.140 UJ	0.240 J	0.140 U	0.340 B	0.150 U
Lead	400,000	450,000	33.3	34.6	30.2	5.20 J	1.50 J	9.70 J
Mercury	810	730	0.0430 J	0.0530 J	0.190 J	0.0180 U	0.0200 B	0.0270 B
Nickel	310,000	130,000	14.4	12.0	31.0	9.90	4.00 B	23.3
Selenium	180,000	4,000	0.260 UJ	0.250 UJ	0.360 UJ	0.230 UJ	0.240 UJ	0.240 UJ
Silver	180,000	8,300	0.0500 U	0.0500 U	0.0700 U	0.0400 U	0.0500 U	0.0400 U
Thallium	- -	- -	1.20 U	0.400 U	2.40 U	0.870 B	0.380 U	0.760 B
Zinc	10,000,000	2,480,000	45.5	20.2	82.7	14.2	5.10	26.7

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS FOR DETECTED INORGANICS (ppm)

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Notes:

1. Samples were collected by ARCADIS between Ocotber 2006 and March 2007
3. NYSDEC = New York State Department of Environmental Conservation.
4. bgs = below ground surface.
5. Samples were analyzed by CompuChem Laboratories, Inc. located in Cary, North Carolina
   - Inorganics using United States Environmental Protection Agency (USEPA) SW-846 Methods 6010, 7471 and 9012A
6. Only those constituents detected in one or more samples are summarized.
7. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg)
8. Field duplicate sample results are presented in brackets.
9. Data qualifiers are defined as follows:
   B - Constituent was found in the sample as well as its associated blank.
   J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
   ND = None detected.
   U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ = The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
10. 6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives (SCOs) are from Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR) Part 375-6.8(b)
11. - - = No 6 NYCRR Part 375 SCO listed.
12. NA = Not Analyzed.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED VOCs, SVOCs, INORGANICS (ppb)

DRAFT
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ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Location ID: / Date Collected:	NYDEC Class GA Standard	MW-7 10/02/08	MW-12 09/30/08
Volatile Organics			
2-Hexanone	50	10 U	40 UJ
4-Methyl-2-pentanone	- -	4.8 J	40 U
Acetone	50	3.0 J	40 U
Benzene	1	390 D	1,400 D
Ethylbenzene	5	5.1	22
Methyl tert-butyl ether	10	21	22
Toluene	5	12	30
Xylenes (total)	5	48	130
Total BTEX	- -	460	1,600
Total VOCs	- -	460 J	1,600
Semi Volatile Organics			
2-Methylnaphthalene	- -	7.3	3.2 J
Acenaphthene	20	1.7 J	0.95 J
Dibenzofuran	- -	6.1 U	0.81 J
Fluoranthene	50	1.0 J	4.7 U
Fluorene	50	1.1 J	1.2 J
Naphthalene	10	11	25
Phenanthrene	50	1.8 J	4.7 U
Phenol	1	6.1 U	13
Pyrene	50	0.97 J	4.7 U
Total SVOCs	- -	25 J	44 J
Total PAHs	- -	25 J	30 J
Inorganics			
Cyanide	200	93.0	4.90 J

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR DETECTED VOCs, SVOCs, INORGANICS (ppb)

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT

CONSOLIDATED EDISON
WEST 18TH STREET
NEW YORK, NEW YORK

Notes:
1. Samples were collected by ARCADIS on September and October 2008.
2. VOCs = Volatile Organic Compounds.
3. BTEX = Benzene, toluene, ethylbenzene and xylenes
4. SVOCs = Semi-Volatile Organic Compounds.
5. Samples were analyzed for:
   - VOCs using United States Environmental Protection Agency (USEPA) SW-846 Method 8260.
   - SVOCs using USEPA SW-846 Method 8270.
   - Cyanide using USEPA SW-846 Method 9012A.
6. Concentrations reported in parts per billion (ppb), which is equivalent to micrograms per liter (µg/L).
7. Data qualifiers are defined as follows:
   D = The compound was found at a dilution factor.
   J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
   U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
   UJ = The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
8. - - = No Standard/Guidance Value listed.