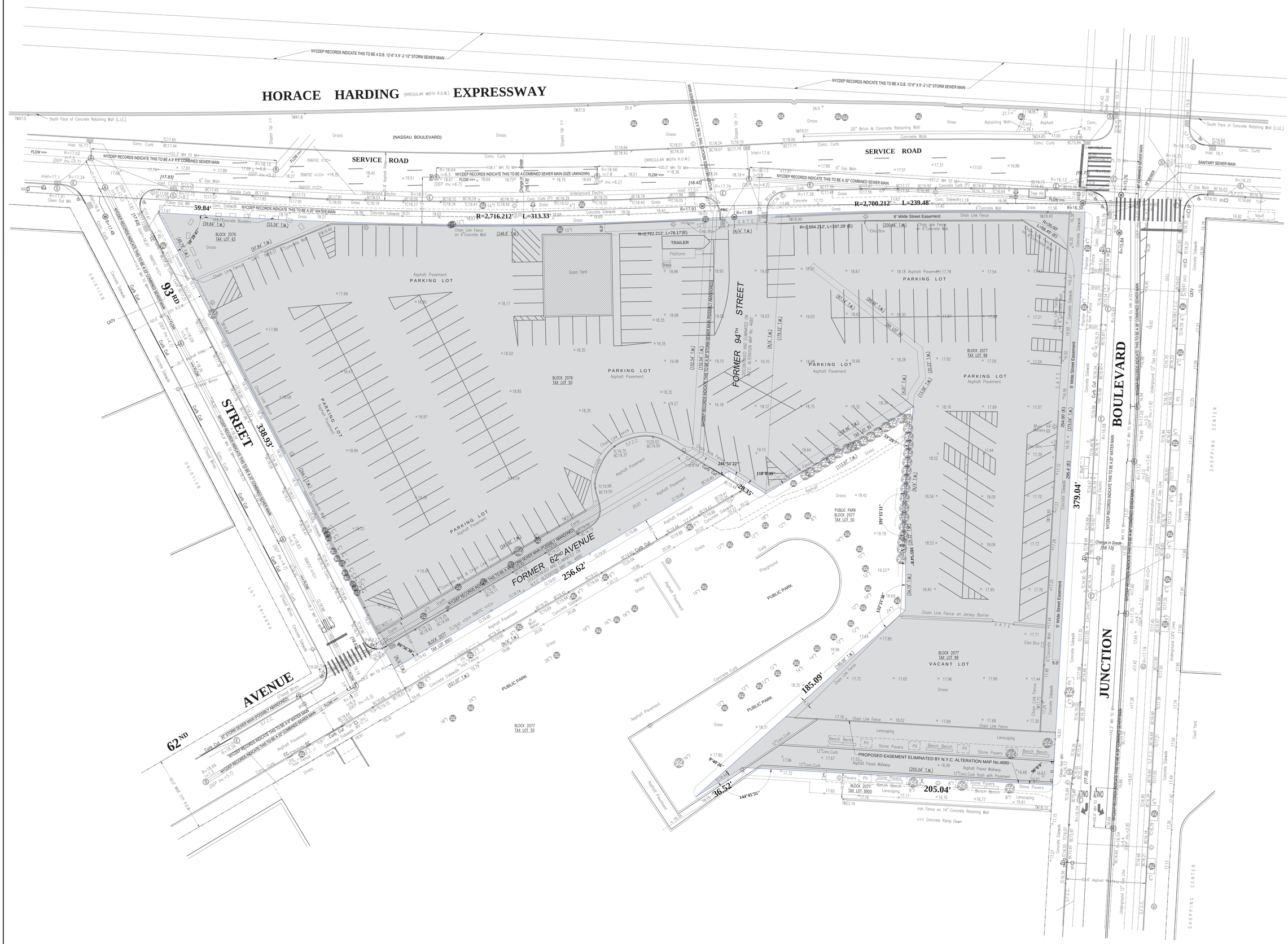
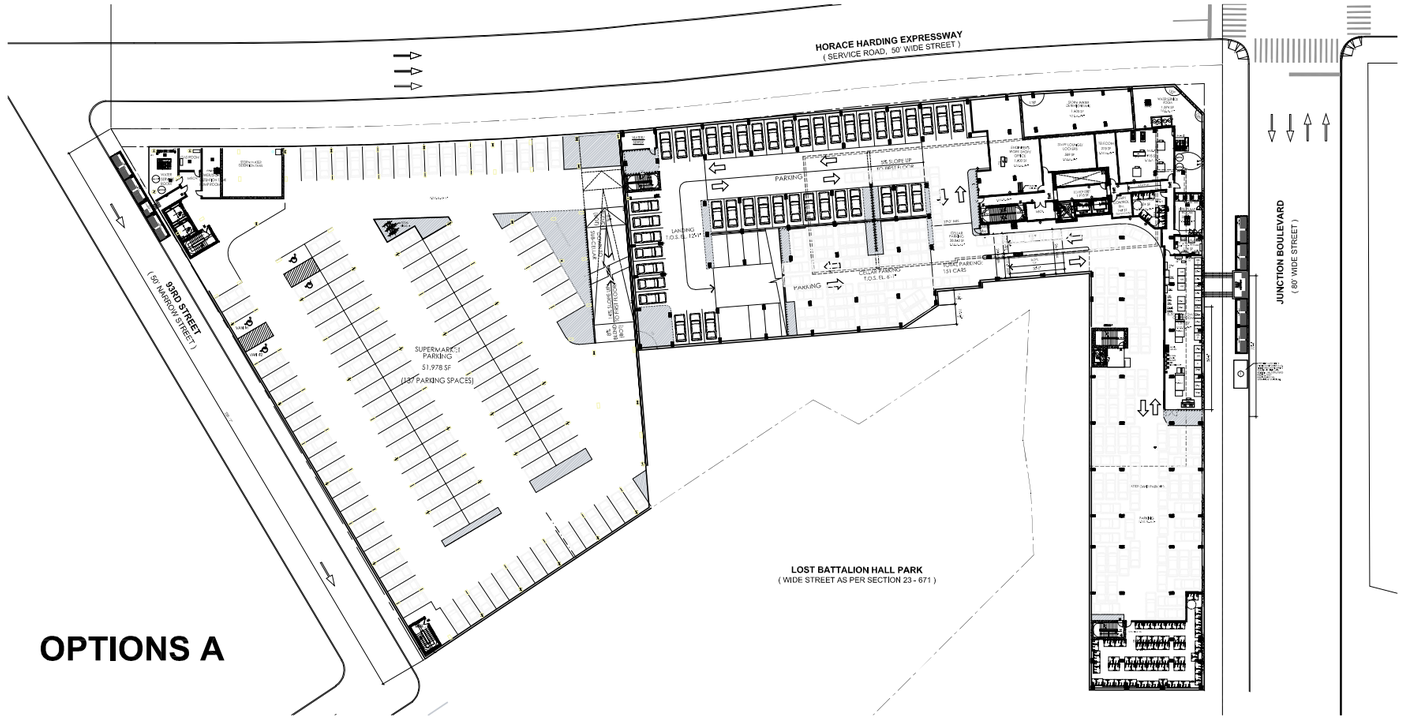
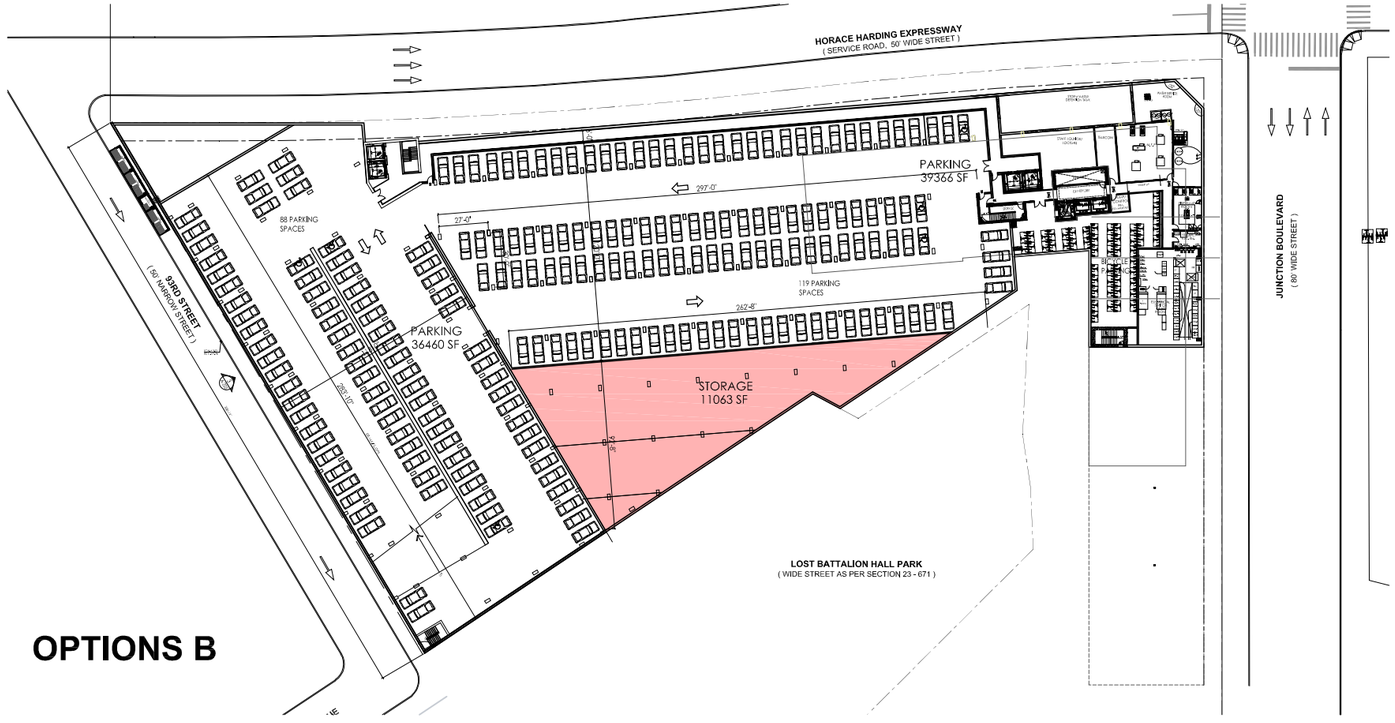
APPENDIX A
Site Survey


HORACE HARDING (IRREGULAR WIDTH R.O.W.) EXPRESSWAY
SERVICE ROAD
SERVICE ROAD
(NASSAU BOULEVARD)
93 RD STREET
62 ND AVENUE
FORMER 94TH STREET
FORMER 62ND AVENUE
JUNCTION BOULEVARD
PARKING LOT
PUBLIC PARK
BLOCK 2076 TAX LOT 63
BLOCK 2076 TAX LOT 50
BLOCK 2077 TAX LOT 8901
BLOCK 2077 TAX LOT 50
BLOCK 2077 TAX LOT 98
BLOCK 2077 TAX LOT 8900
VACANT LOT
TRAILER
NYCDEP RECORDS INDICATE THIS TO BE A D.B. 12'-6" X 9'-2 1/2" STORM SEWER MAIN
NYCDEP RECORDS INDICATE THIS TO BE A 9' X 6' COMBINED SEWER MAIN
NYCDEP RECORDS INDICATE THIS TO BE A 30" COMBINED SEWER MAIN
NYCDEP RECORDS INDICATE THIS TO BE A 20" WATER MAIN
NYCDEP RECORDS INDICATE THIS TO BE A 30" STORM SEWER MAIN (POSSIBLY ABANDONED)
NYCDEP RECORDS INDICATE THIS TO BE A 30" STORM SEWER MAIN (POSSIBLY REABANDONED)
NYCDEP RECORDS INDICATE THIS TO BE A 24" COMBINED SEWER MAIN
NYCDEP RECORDS INDICATE THIS TO BE A 48" COMBINED SEWER MAIN
SANITARY SEWER MAIN
6" Gas Main
Underground Electric
Underground Communication Lines
Underground 12" Gas Line
Overhead Wires
Chain Link Fence
Concrete Wall
Concrete Curb
Concrete Sidewalk
Asphalt Pavement
Grass
Curb Cut
Inlet
Clean Out MH
Vault
Tree Pit
Iron Fence on 14" Concrete Retaining Wall
Chain Link Fence on Jersey Barrier
Chain Link Fence on 6'Concrete Wall
Concrete Retaining Wall
20" Brick & Concrete Retaining Wall
Concrete Walk
Lanscaping
Bench
Pit
Stone Pavers
Planter
Trash Can
Bollard
Flag Pole
Elec.Box
Meter
Drain
Manhole
Catch Basin
Gate
Change in Grade (18.13)
Change in Grade (18.43)
PROPOSED EASEMENT ELIMINATED BY N.Y.C. ALTERATION MAP No.4680
6' Wide Street Easement
5' Wide Street Easement
R=2,716.212' L=313.33'
R=2,700.212' L=239.48'
R=2,694.212' L=97.29' (E)
R=2,722.212' L=78.17'(E)
379.04'
205.04'
338.93'
256.62'
185.09'
36.52'
59.84'
(59.84' T.M.)
(97.84' T.M.)
(53.26' T.M.)
(248.8' T.M.)
(200.45' T.M.)
(N/A' T.M.)
(178.52' T.M.)
(205.04' T.M.)
(52.07' T.M.)
(185.09' T.M.)
(115.87' T.M.)
(N/A' T.M.)
(N/A' T.M.)
(N/A' T.M.)
(N/A' T.M.)
(264.11' T.M.)
(254.4' T.M.)
(254.4' T.M.)
(254.4

APPENDIX B
Proposed Development Plan



OPTIONS A



OPTIONS B

SLCE*Architects*
December 15 2021

CELLAR PLAN
OPTIONS A & B

REGO PARK III
QUEENS, NY

PARKING REQUIREMENTS

	OPTION A (DOB FILING)	OPTION B
SUPERMARKET	240	265
RETAIL SPACE	44	35
COMMUNITY FACILITY	5	5
RESIDENTIAL	344	350
TOTAL REQUIRED	633	655
TOTAL PROVIDED	686*	655

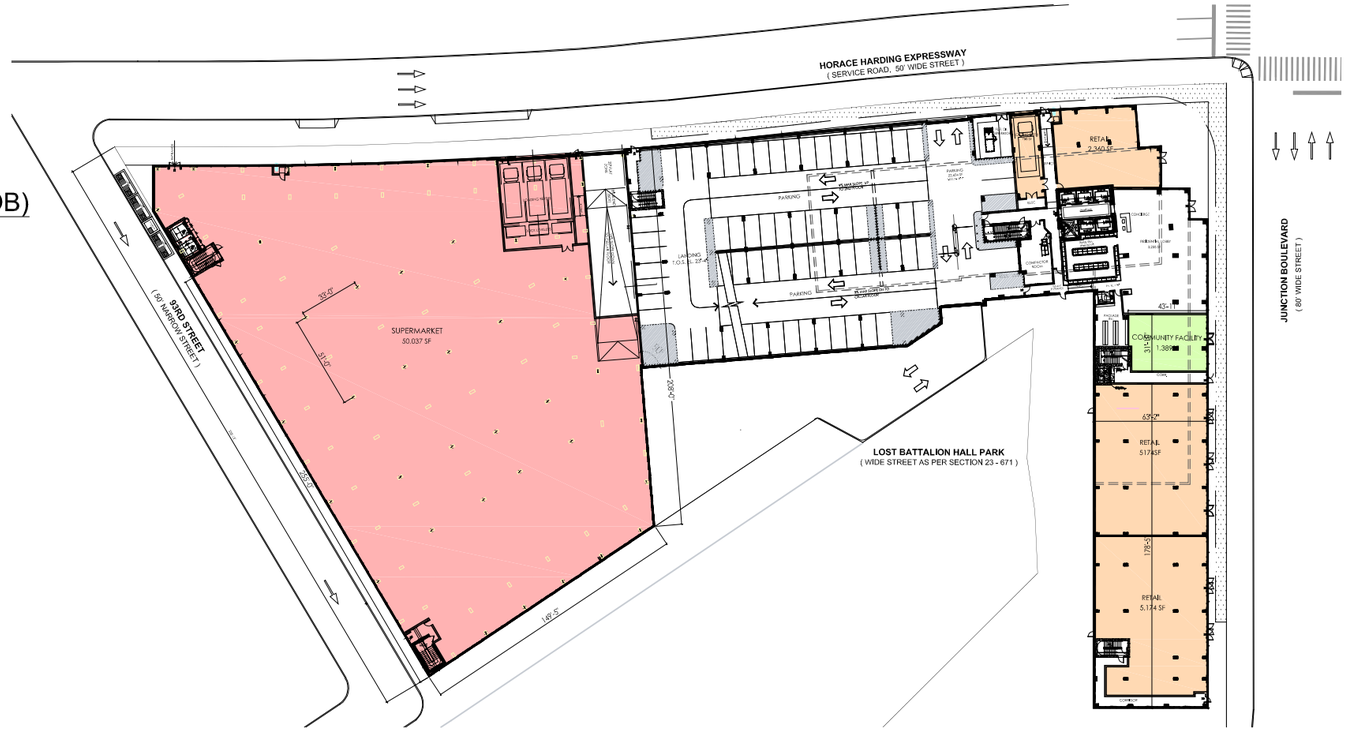
* SUPERMARKET PARKING PROVIDED EXCEEDS REQUIREMENTS IN CELLAR & SUB-CELLAR BENEATH SUPERMARKET.

OPTION "A" (FILED WITH DOB)

SUPERMARKET: 50,037 GSF

RETAIL SPACE: 13,466 GSF

COMMUNITY FACILITY: 1,389 GSF

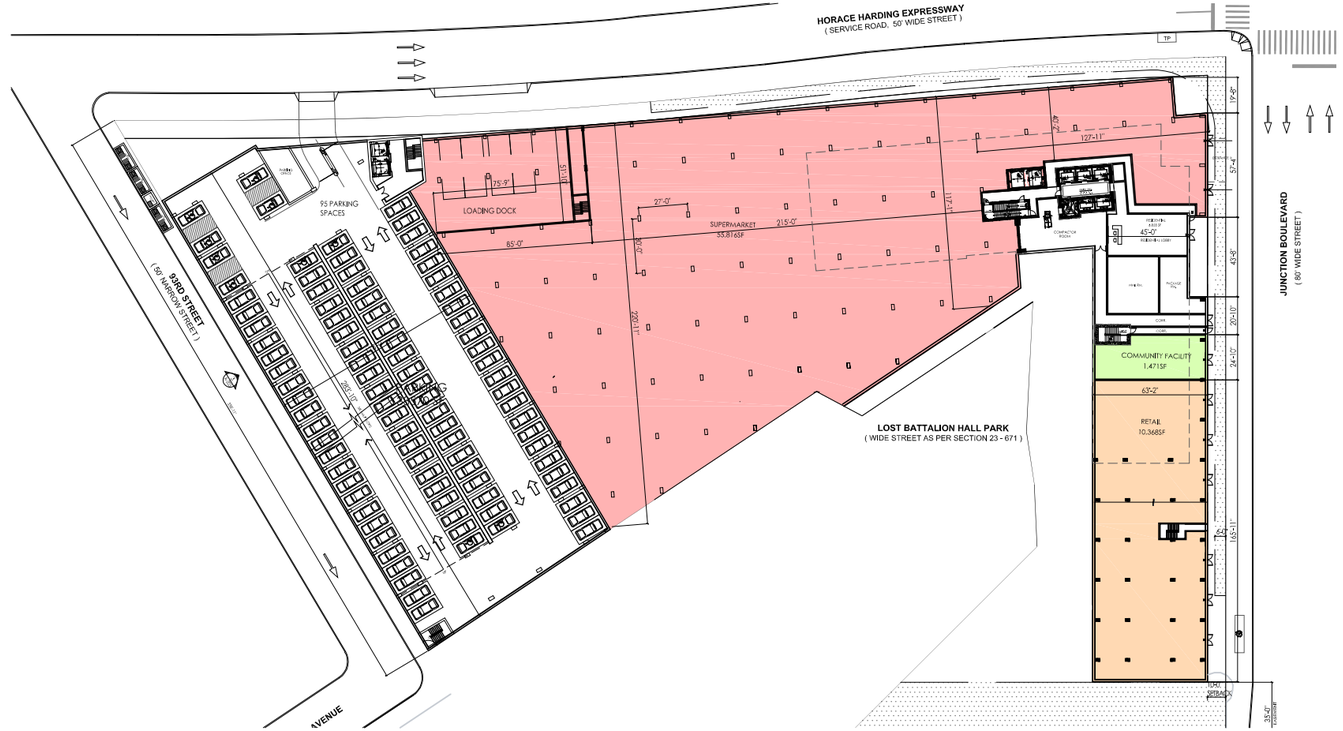


OPTION "B"

SUPERMARKET: 55,816 GSF

RETAIL SPACE: 10,368 GSF

COMMUNITY FACILITY: 1,471 GSF



SLCE*Architects*
December 15, 2021

FIRST FLOOR PLAN
OPTION A & B

REGO PARK III
QUEENS, NY

APPENDIX C
Previous Environmental Reports

201-587-1008

Langan
Engineering and Environmental Services, P.C.

9 June 1994
1226201

Ms. Barbara Res
Vornado Inc.
Park 80 West - Plaza II
Saddle Brook, NJ 07662

Re: Former Alexander's Store
9605 Queens Boulevard
Queens, New York

Dear Ms. Res:

On 23 May 1994, Langan Engineering and Environmental Services, Inc. (Langan) personnel sampled three test pits at the Former Alexander's Store on Queens Boulevard in Queens, New York (Figure 1). The investigation was completed in accordance with the scope of work provided in my 17 May 1994 letter to you.

The test pits were excavated with a CAT 426 Backhoe by Direct Environmental, Inc. of Hopelawn, New Jersey. Mr. Nicholas Salimbene instructed the Langan personnel to re-excavate three test pits, TPL-1, TPL-2, and TPL-3 (formerly TP-6, TP-5, and unlabeled respectively) (Figure 2). Each test pit was excavated to the water table which, was about 12 feet deep. Material excavated from the test pits consisted of soil, with some debris and trash mixed in the soil from each test pit had an odor present although the odors were not indicative of petroleum products (i.e. gasoline, diesel, oil, etc.). Also, the PID readings were very low with the highest reading originating in TPL-1 (0.6 ppm). Complete details are presented in the attached test pit logs.

Environmental samples were taken from each test pit from the excavated soil at a depth of 10-12 feet. In TPL-1 there was a black powdery layer at a depth of 3-4 feet from which an additional environmental sample was collected. The samples were analyzed for volatile organic compounds (EPA Method 8021) and semi volatile organic compounds (EPA Method 8270) as indicated in Tables 1 and 2. In addition, a composite sample was taken from the excavated material from each test pit and analyzed for full TCLP parameters, RCRA characteristics (reactivity, corrosivity, and flashpoint) and TPH. Also, a field blank and trip blank were analyzed for volatile and semivolatile compounds and volatile organic compounds, respectively.

The analytical results indicate that the samples in each test exceed the NYSDEC Human Health Guidance values for several semi-volatile organic compounds, including: Benzo(a) anthracene, Benzo(b) fluoranthene, Benzo(k) fluoranthene, Benzo(a) pyrene, and Dibenz(a,h) anthracene (Table 1).

The results also indicate that the waste classification sample exceeds the regulatory levels for lead. The individual test pit samples were subsequently re-analyzed for TCLP lead and total lead. The results indicate that TPL-1 and TPL-2 exceed the regulatory level for TCLP lead (Table 2). Complete laboratory data package will be transmitted to you under separate cover.

Based on the analytical results, soil excavated from the vicinity of test pit TPL-3 would have to be disposed of as non-hazardous contaminated soil (NYSDEC Waste Code N816), and soil excavated from the vicinity of test pits TPL-1 and TPL-2 would have to be disposed of as hazardous waste (USEPA Waste Code D008). Note that the material sampled from the test pits was previously excavated and replaced, so the sample depths shown in Tables 1 and 2 may not correspond to the original "undisturbed" depths of contaminated or hazardous material. Additional sampling and testing would be necessary to delineate the vertical and horizontal extent of contaminated and hazardous materials.

Sanborn Maps for the site and vicinity were obtained for the years 1902, 1915, 1931, 1950, 1981, and 1984. A review of the maps did not indicate any prior uses of the site before the Alexander's store was built in 1958. A 1959 air photo of the site shows the store in place with the adjacent paved parking lot. A review of a 1 December 1993 Phase I Environmental Site Assessment performed by Certified Engineering and Testing Co., Inc. for Alexander's, Inc. did not reveal any potential sources of contamination in the northern portion of the parking lot; only the underground gasoline tanks in the southern portion of the parking lot were identified as "recognized environmental conditions" in the parking lot area. The contamination identified in this test pit investigation is unrelated to the former gasoline tanks.

Langan recommends that we review existing and proposed grade plans to identify excavation areas and depths as they relate to the test pit locations. Logs of soil borings and other test pits previously excavated at the site should also be reviewed for relevant information as to the type of material encountered. We would then develop a supplemental investigation plan for delineating the extent of contaminated and hazardous soil within the confines of the proposed excavation.

Please do not hesitate to call, should you have any questions.

Very truly yours,

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC.

Gerard M. Coscia, P.E.
Project Manager

GMC:mg
Attachment
12262\BarbRes.lt2

cc: A. Zupcak - Vornado
N. Salimbene - Vornado
B. Langan - Langan

TABLE 1
VORNADO, INC
FORMER ALEXANDER'S STORE, QUEENS, NY
TEST PIT ANALYTICAL RESULTS

Sample Location		HUMAN	TPL-1	TPL-1	TPL-2	TPL-3	COMPOSITE	FB	TB
Sample Date		HEALTH	5/23/94	5/23/94	5/23/94	5/23/94	5/23/94	5/23/94	5/23/94
Sample Depth (ft)		GUIDANCE	10 - 12	3 - 4	10 - 12	10 - 12	--	--	--
Sample Number		VALUE *	001	002	003	004	005	006	007
PARAMETER	**UNITS**								
VOLATILE ORGANIC COMPOUNDS									
Benzene	ug/kg	24,000	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/kg	20,000,000	ND	ND	ND	1.2	NA	ND	ND
Ethylbenzene	ug/kg	8,000,000	0.9	ND	ND	ND	NA	ND	ND
Total Xylene	ug/kg	400,000,000	3.3	84	ND	ND	NA	ND	ND
Isopropylbenzene	ug/kg	---	4.9	ND	1.6	30	NA	ND	ND
n-Propylbenzene	ug/kg	---	7.1	520	3.2	3.7	NA	ND	ND
1,3,5-Trimethylbenzene	ug/kg	---	7.2	550	3.3	1.9	NA	ND	ND
tert-Butylbenzene	ug/kg	---	2.5	300	1.9	0.8	NA	ND	ND
1,2,4-Trimethylbenzene	ug/kg	---	3.0	200	ND	1.6	NA	ND	ND
sec-Butylbenzene	ug/kg	---	2.0	240	1.5	0.9	NA	ND	ND
p-Isopropyltoluene	ug/kg	---	18	650	7.4	13	NA	ND	ND
n-Butylbenzene	ug/kg	---	1.2	ND	1.4	0.7	NA	ND	ND
Naphthalene	ug/kg	300,000	14	5,300	ND	1.4	NA	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS									
Naphthalene	ug/kg	300,000	530 J	14,000	ND	110 J	NA	ND	ND
Acenaphthene	ug/kg	5,000,000	860	600 J	49 J	130 J	NA	ND	ND
Fluorene	ug/kg	3,000,000	1,300	200 J	72 J	140 J	NA	ND	ND
Phenanthrene	ug/kg	---	8,900	1,300	790	1,400	NA	ND	ND
Anthracene	ug/kg	20,000,000	2,600	200 J	170 J	370 J	NA	ND	ND
Fluoranthene	ug/kg	3,000,000	7,400	1,400 J	1,000	1,900	NA	ND	ND
Pyrene	ug/kg	2,000,000	8,400	1,300 J	940	1,800	NA	ND	ND
Benzo (a) anthracene	ug/kg	220	**4,200**	**360 J**	**500 J**	**960**	NA	ND	ND
Chrysene	ug/kg	---	4,200	440 J	580	1,000	NA	ND	ND
Benzo (b) fluoranthene	ug/kg	220	**3,900**	210 J	**650**	**1,200**	NA	ND	ND
Benzo (k) fluoranthene	ug/kg	220	**1,500**	70 J	**220 J**	**470**	NA	ND	ND
Benzo (a) pyrene	ug/kg	61	**3,300**	**110 J**	**450 J**	**890**	NA	ND	ND
Indeno (1,2,3-cd) pyrene	ug/kg	---	1,500	ND	270 J	460	NA	ND	ND
Dibenz (a,h) anthracene	ug/kg	14	**470 J**	ND	**67 J**	**130 J**	NA	ND	ND
Benzo (g,h,i) perylene	ug/kg	---	1,200	ND	280 J	400 J	NA	ND	ND
METALS									
Lead (total)	mg/kg	---	1,180	70.5	1,930	560	698	NA	NA

Note: Shaded values exceed guidance values. J=Estimated value Units for FB and TB are in ug/L. NA=Not Analyzed * = As reported in NYS DEC STARS Memo # 1 August , 1992.

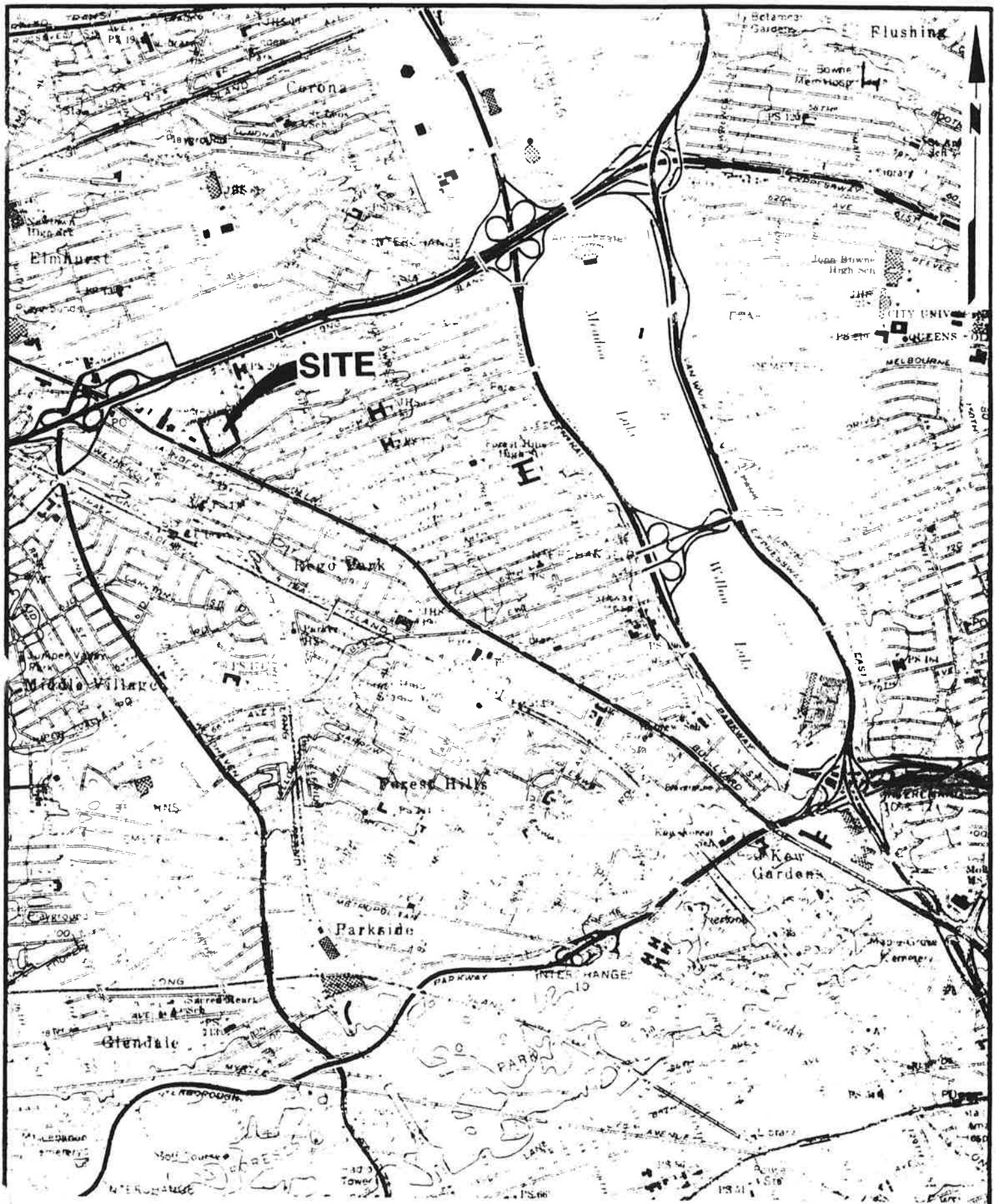
TABLE 2
VORNADO, INC
FORMER ALEXANDER'S STORE, QUEENS, NY
WASTE DISPOSAL CLASSIFICATION ANALYTICAL RESULTS

Sample Location Sample Date Sample Depth (ft) Sample Number		REGULATORY LEVEL	TPL-1 5/23/94 10 - 12 001	TPL-1 5/23/94 3 - 4 002	TPL-2 5/23/94 10 - 12 003	TPL-3 5/23/94 10 - 12 004	COMPOSITE 5/23/94 -- 005
PARAMETER	**UNITS**						
VOLATILE ORGANIC COMPOUNDS							
Benzene	mg/L	0.5	NA	NA	NA	NA	0.001
EXTRACTABLE ORGANIC COMPOUNDS	mg/L	---	NA	NA	NA	NA	ND
PESTICIDES	mg/L	---	NA	NA	NA	NA	ND
HERBICIDES	mg/L	---	NA	NA	NA	NA	ND
METALS							
Arsenic	mg/L	5.0	NA	NA	NA	NA	ND
Barium	mg/L	100.0	NA	NA	NA	NA	2.0
Cadmium	mg/L	1.0	NA	NA	NA	NA	ND
Chromium	mg/L	5.0	NA	NA	NA	NA	0.006
Lead	mg/L	5.0	**8.1**	4.7	**8.1**	4.0	**5.0 / 9.0**
Mercury	mg/L	0.2	NA	NA	NA	NA	0.0001
Selenium	mg/L	1.0	NA	NA	NA	NA	ND
Silver	mg/L	1.0	NA	NA	NA	NA	0.008
MISCELLANEOUS							
Sulfide (reactivity)	mg/kg	---	NA	NA	NA	NA	ND
Cyanide (reactivity)	mg/kg	---	NA	NA	NA	NA	ND
Corrosivity (pH)	std. units	**	NA	NA	NA	NA	7.24
Flashpoint	Deg. F	140	NA	NA	NA	NA	> 160
PCB's	ug/kg	---	NA	NA	NA	NA	ND
TPH	mg/kg	---	NA	NA	NA	NA	262

Note: Sample 005 was re-analyzed to confirm lead concentrations exceeding the regulatory level. J=Estimated value , Shaded values exceed regulatory levels, N A= Not Analyzed, ND= Not Detected

**= pH < = 2 or pH >= 12.5

TPRES.XLS



REF.: JAMAICA,N.Y. U.S.G.S. QUADRANGLE MAP

Langan
Engineering and Environmental Services, Inc.

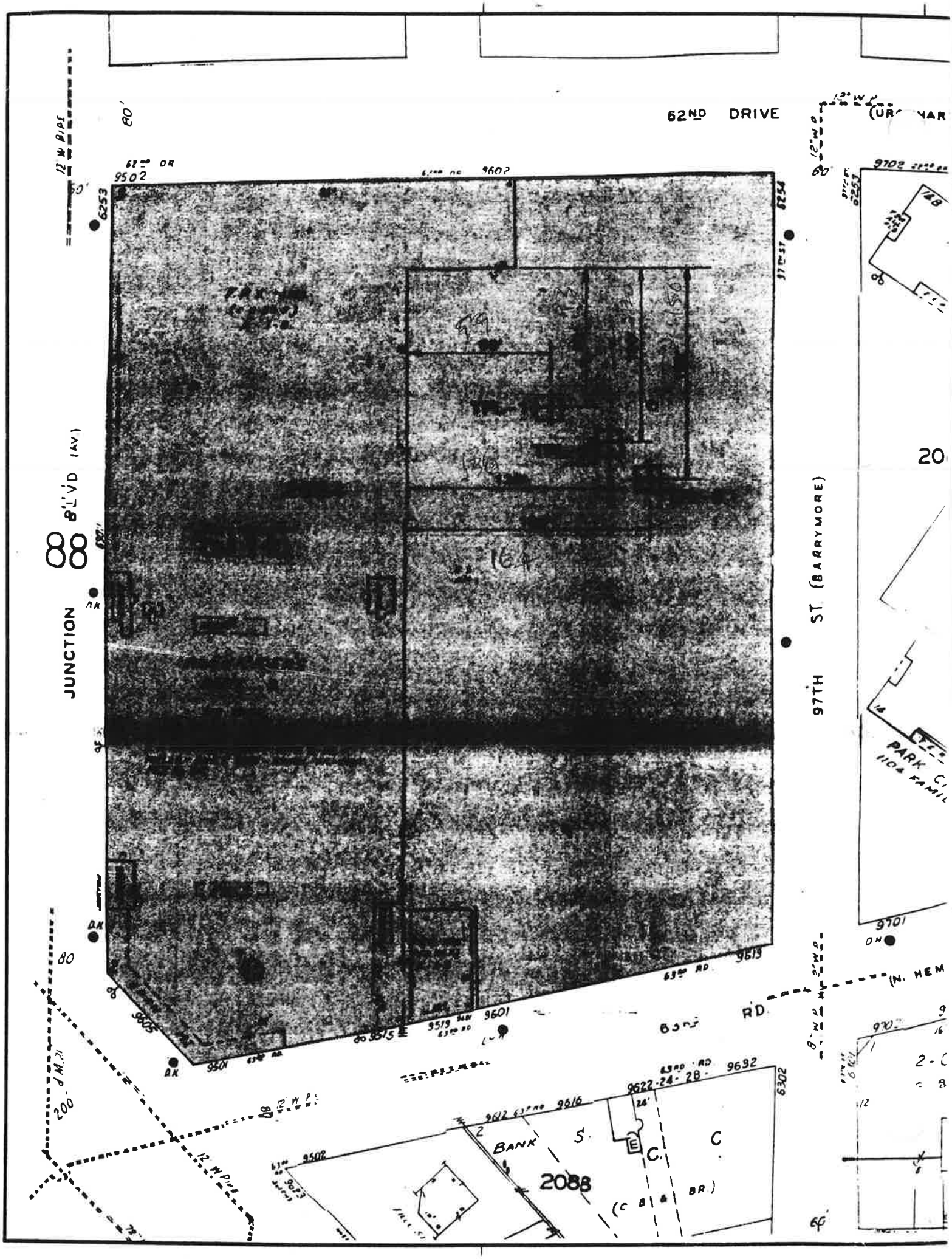
ELMWOOD PARK, NJ • NEW YORK, NY • MIAMI, FL • WEST PALM BEACH, FL • DOYLESTOWN, PA

FORMER ALEXANDER'S STORE
SITE LOCATION MAP

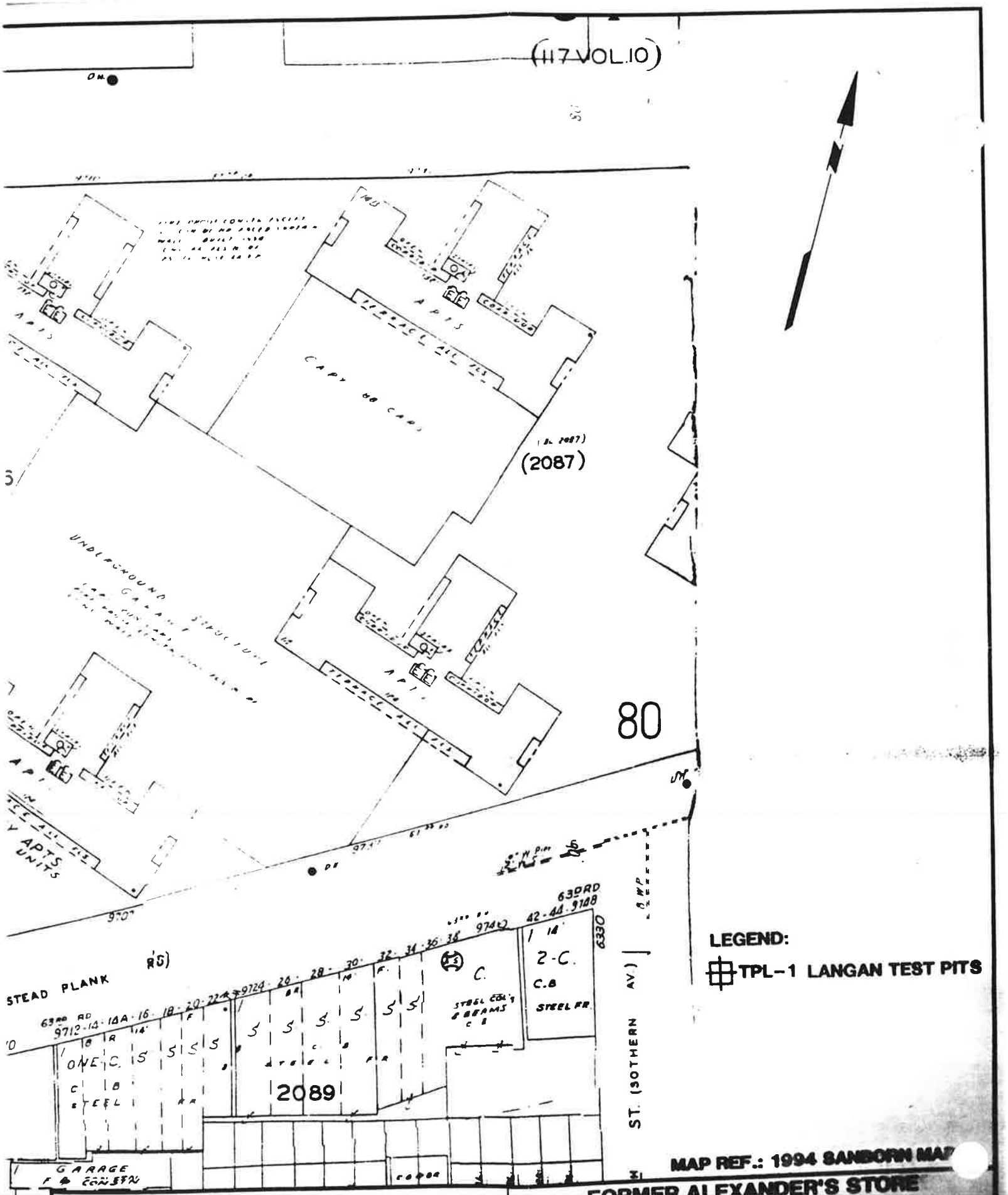
QUEENS NEW YORK

PROJ 1226201	SCALE 1"=2000'	DATE 6/7/94	FIG NO 1

076506


62ND DRIVE
JUNCTION
88
97TH ST (BARRYMORE)
PARK
BANK
2088
(C B & BR)
12 W PIPE
9502
9602
9601
9619
9615
9501
9605
9622-24-28
9632
9616
9612
6302
6253
6254
9702
9701
80
200
60

076507



MAP REF.: 1994 SANBORN MAP

FORMER ALEXANDER'S STORE

TEST PIT LOCATION MAP

NEW YORK

QUEENS

PROJ 1226201 | SCALE 1"=100' | DATE 6/7/94 | FIG NO 2

Langan
Engineering and Environmental Services, Inc.

ELMWOOD PARK, NJ • NEW YORK, NY • MIAMI, FL • WEST PALM BEACH, FL • DOYLESTOWN, PA

ATTACHMENTS

LOG OF TEST PIT NO: TPL-1

Project Name	Former Alexander's Store	**Project No.**	1226201
Site Location	Queens, NY	**Date** 5/23/93	**Inspector** L. Russo
Excavation Contractor	Direct Environmental, Inc.		
Excavation Equipment	CAT 426 backhoe	**Observed Water Level Data**	12 ft
	Completion Depth 12 ft	**Elevation**	---

Depth (ft)	SAMPLE No. Loc.	SAMPLE Type	DESCRIPTION	REMARKS
			3/4" Gravel	Begin 9:15
2			Brn-tan f-m SAND and SILT, tr. f-m gravel, tr. c. sand FILL	
4	002	GRAB	Blk silt size material FILL	Environmental sample collected 3-4'
6			Gry-brn f-m SAND, some f. gravel, tr. silt, tr. clay, tr. debris (glass, metal, wood, concrete, brick)	Odor present Jarred soil for several minutes produced 0.6-0.8 ppm HNu
8				
10				Excavated small boiler 2' diameter and 3-4' long
12	001	GRAB	FILL	Environmental sample collected 10-12' ▼
			Test-pit completed at 12 ft	Stop 10:00 Waste Classification sample taken from stockpiled material (005)

LANGAN Engineering and Environmental Services, Inc.
River Drive Center 1, Elmwood Park, NJ 07407

LOG OF TEST PIT NO: TPL-2

Project Name	Former Alexander's Store	**Project No.**	1226201
Site Location	Queens, NY	**Date** 5/23/93	**Inspector** L. Russo
Excavation Contractor	Direct Environmental, Inc.		
Excavation Equipment	CAT 426 backhoe	**Observed Water Level Data**	12 ft
	Completion Depth 12 ft	**Elevation**	---

Depth (ft)	SAMPLE No. Loc.	SAMPLE Type	DESCRIPTION	REMARKS
			3/4" Gravel	Begin 10:47
2			Brn-tan f-m SAND and SILT, tr. f-m gravel, tr. c. sand	
4			FILL	Environmental sample collected 3-4'
6			Gry-brn f-m SAND, some f. gravel, tr. silt, tr. clay, tr. debris (glass, metal, wood, concrete, brick)	Odor present Jarred soil for several minutes produced 0.1-0.3 ppm HNu
8				
10				
12	003	GRAB	FILL	Environmental sample collected 10-12'
			Test-pit completed at 12 ft	Stop 11:30 Waste Classification sample taken from stockpiled material (005)

LANGAN Engineering and Environmental Services, Inc.
River Drive Center 1, Elmwood Park, NJ 07407

LOG OF TEST PIT NO: TPL-3

Project Name Former Alexander's Store		**Project No.** 1226201	
Site Location Queens, NY		**Date** 5/23/93	**Inspector** L. Russo
Excavation Contractor Direct Environmental, Inc.			
Excavation Equipment CAT 426 backhoe		**Observed Water Level Data**	12 ft
	Completion Depth 12 ft	**Elevation**	---

Depth (ft)	SAMPLE No. Loc.	SAMPLE Type	DESCRIPTION	REMARKS
			3/4" Gravel	Begin 11:45
2			Brn-tan f-m SAND and SILT, tr. f-m gravel, tr. c. sand	
4			FILL	Environmental sample collected 3-4'
6			Gry-brn f-m SAND, some f. gravel, tr. silt, tr. clay, tr. debris (glass, metal, wood, concrete, brick)	Odor present Jarred soil for several minutes produced 0.1-0.5 ppm HNu
8				
10				
12	004	GRAB	FILL	Environmental sample collected 10-12'
			Test-pit completed at 12 ft	Stop 12:30 Waste Classification sample taken from stockpiled material (005)

LANGAN Engineering and Environmental Services, Inc.
River Drive Center 1, Elmwood Park, NJ 07407

Langan
Engineering and Environmental Services, Inc.

TRANSMITTAL

RIVER DRIVE CENTER 2, ELMWOOD PARK, NEW JERSEY 07407 • (201) 794-6900 • FAX (201) 794-0366

TO: Ms. Barbara Ros
Vornado, Inc
Park 80 West - Plaza II
Saddle Brook, NJ 07662

DATE: June 9, 1994

PROJECT NO.: 12-6201

RE: former Alexander's Store
1005 Queens Boulevard
Queens, NY

ATTN:

GENTLEMEN:

WE ARE SENDING YOU VIA:

☐ 1st CLASS MAIL ☐ EXPRESS MAIL

☐ _____ ☒ FEDERAL EXPRESS ☐ HAND DELIVERY

THE FOLLOWING ITEMS:

☐ PRINTS ☐ MYLAR SEPIA ☐ _____

☐ LETTER ☐ PAPER SEPIA ☐ _____

COPIES	DWG. NO.	DESCRIPTION
1		Analytical Data Package for samples collected 5/23/94

☐ FOR YOUR INFORMATION ☐ FOR YOUR USE ☐ AS REQUESTED

☐ FOR REVIEW AND COMMENT ☐ FOR APPROVAL ☐ _____

REMARKS:

Please do not hesitate to call should you have questions or require additional copies

COPY TO: w/o enclosure

A. Zupcak - Vornado
L. Palumbo - Vornado
T. Langan - Langan
S. Cescia - Langan

BY:

Langan Engineering and Environmental Services, Inc.

Timothy Prince

Langan
Engineering and Environmental Services, Inc.

LOG OF BORING MW-1 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 11/21	DATE FINISHED 11/21	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		1 2 3 4 5 6 7 8 9 10 11 12 13					11:30

080983

Langan
Engineering and Environmental Services, Inc.

JOB NO. _____
DATE _____

LOG OF BORING NO. MW-1

SHEET 2 OF 2

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	15					← Top of screen
	16					
	17					
	18					
	19					
	20				35	
Brn f. sand sm silt tr. f gravel	21	S1	SS	12"	18	HNu=0
moist/wet	22				25	
					26	Tip wet
	23					
	24					
	25					
Brn f-m sand & tr silt	26	S2	SS	8"	7	HNu=0
(wet)	27				5	
					6	
	28					
	29					
	30					← Bottom of screen
	31					15.00
	32					

Langan
Engineering and Environmental Services, Inc.

LOG OF BORING MW-2 **SHEET** 1 **OF** _____

PROJECT				PROJECT NO.	
LOCATION				ELEVATION AND DATUM	
DRILLING AGENCY Testwell Craig				DATE STARTED 11/21	DATE FINISHED 11/21
DRILLING EQUIPMENT B-57 Mobile Drill				COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT 4¼ HSA				NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING				WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT	DROP		FOREMAN Stefan Burns	
SAMPLER 2" SS				INSPECTOR	
SAMPLER HAMMER	WEIGHT 140#	DROP 30"			

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		1 2 3 4 5 6 7 8 9 10 11 12 13					8:30

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JOB NO. _____
DATE 11-21-94

LOG OF BORING NO. MW-2

SHEET ____ OF ____

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		15					— TOP OF SCREEN
		16					
		17					
		18					
		19					
							▽ center plug was wet
	Brn. fine SAND tr. f. gravel tr. silt.	20				9	
	2" CLAY (wet)	21	S1	SS	13"	18 18 16	HNu = 0
		22					
		23					
		24					
		25					
LT	Brn f-c SAND tr. f. gravel	26	S2	SS	11"	46 100/5"	HNu = 0
		27					
		28					
		29					
		30					— BOTTOM OF SCREEN.
		31					9:50
		32					

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LOG OF BORING MW-3 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 11/22	DATE FINISHED 11/22	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST 11½	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
						7:20
	1					
	2					
	3					
	4					
	5					— Top of Screen
	6					
	7					
	8					
	9					
Gravelly with mottled f-c SAND + fragments of white material. wet	10	1	SS	11"	2 2 2 2	HNu~0
	11					
	12					
	13					

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JOB NO. _____
DATE 11/22/04

LOG OF BORING NO. MW-3

SHEET 2 OF 2

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Gry Blk f. gravel, tr. c. sand, tr. silt/clay, tr. metal, ceramic fragments	15					
	16	52	SS	6"	1, 1, 1, 2	HNU = 0
	17					
	18					Blk peat on auger last 3 feet
	19					
	20					Bottom of screen
						8:00
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

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LOG OF BORING LB-1 **SHEET** 1 **OF** _____

PROJECT: Former Alexander's Store		PROJECT NO.: 1226201	
LOCATION: Rego Park, NY		ELEVATION AND DATUM: —	
DRILLING AGENCY: Direct Environmental, Inc		DATE STARTED: 6/30	DATE FINISHED: 6/30
DRILLING EQUIPMENT: Mobile Drill B-57		COMPLETION DEPTH: 3'	ROCK DEPTH: Not Encountered
SIZE AND TYPE OF BIT: 3 1/4" ID Hollow Stem Auger		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING: —		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER: WEIGHT: DROP:		FOREMAN: Mark Laura	
SAMPLER: 2" Split Spoon		INSPECTOR: Lou Russo	
SAMPLER HAMMER: WEIGHT: 140' DROP: 40"			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
BROWN GRAY - FINE SAND, SOME SILTS TRACES OF FINE GRAVEL	1		SS	0.9	8 / 6 / 7 / 8	START TIME 9:20 NO HNU READING
Brn-Blk SILT tr. fine sand tr. f. gravel	2		SS		7	0 ppm HNu
TR. 0-10- SM. 10-30 50%	3		SS	1	2 / — / —	STOP 10:30 Environmental Sample (0.5'-3.0') REDO BORING BECAUSE OF HAMMER CONTAMINATION
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING LB-1A **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT GRAY-BROWN SILT TRACE FINE SAND FINE GRAVEL TRACE CLAY	1		SS	1'	9 5 8 9	START - 11:30 A LB1A1A } - 2' East O LB-1 0ppm - HNU
BLACK SILT TRACE FINE SAND TRACE FINE GRAVEL TRACES OF CINDER	2 3 4			1'	2 4 9 28	ENVIRONMENTAL SAMPLE 0.5'-3.0' END BORING - 11:42 0ppm - HNU
	5 6 7 8 9 10 11 12 13					

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LOG OF BORING LB-2 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT 1' BROWN SILT TRACE FINE SAND TRACE FINE GRAVEL TRACE BRICK	1		SS	1.5	6 6 19 42	START TIME - 11:47 0 PPM - HNU
6" BLACK CINDER TRACE BRICK TRACE CONCRETE TRACE GLASS	2 3		SS	0.7	50/3 30 25	0 PPM - HNU ENVIRONMENTAL SAMPLE 0.5'-4.0'
GRAY FINE SAND, SOME SILT TRACE CONCRETE FRAGMENTS TRACE CINDER	4 5 6 7 8 9 10 11 12 13					END TIME - 12:00

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LOG OF BORING LB-3 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 10/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT	1			0	4 12 75	START TIME - 12:10 REFUSAL - MOVE 4' SOUTH. AUGER THROUGH ASPHALT
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING LB-3A **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt BROWN SILT, + F-M ~~FINE~~ SAND TRACE FINE GRAVEL, GLASS, TRACE FINE BRICK, METAL	1 2 3 4 5 6 7 8 9 10 11 12 13		SS	1 0.9	4 18 45	START TIME-12:30 OPPM - IH NU MOVE BORING SPOON BOUNCING - REFUSAL END 12:39

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LOG OF BORING LB-3B **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
						Begin 12:45
						Auger through asphalt
BROWN, SILTY FINE SAND TRACE FINE GRAVEL, BRICK CONCRETE	1			9/6"	6	
					14	
	2				22	REFUSAL AUGER DOWN TO 2'
BLACK SILTY FINE SAND TRACE FINE GRAVEL TRACE GLASS					35	
	3			1.2'	35	0 PPM - HNU
					28	
					9	
	4				4	Environmental Sample 0.5-4'
					60	REFUSAL
	5			0'	114	NO RECOVERY MOVE TO HOLE
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING LB-3C **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt	1					LOCATED 1' NORTH OF SB.
	2					START - 13:15
	3					AUGER DOWN TO 4'
MOTTLED WHITE BLACK SILTY FINE SAND TRACE FINE GRAVEL TRACE BRICK, CONCRETE	4				4	
	5			1'	3	ENVIRONMENTAL SAMPLE 4'-6'
	6				1	END 13:25
	7				1	
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING LB-4 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/1	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT	1					START TIME 13:05
ASPHALT - COAL - BROWN - TAN FINE - MED - SAND, TRACE SILT TRACE BRICK. MOIST.	2		SS	1.6'	6 7 9 32	0 ppm - HNU ENVIRONMENTAL SAMPLE: 0.5-4.5 4.5-6'
GLASS - FINE - COARSE SAND REMAINING AC - COARSE PARTICLE WHITE - CLAY - CINDERS, METAL, R-ST 0.3" - BLACK SILT 0.6" - BOTTOM - BLACK CINDERS & GLASS	3 4		SS	1.5'	24 37 82 20	0 ppm - HNU
BLACK CRUSHED CINDERS GLASS, TRACE SILT, TAN FINE - MED. SAND - WHITE - CLAY MATERIAL, WOOD WET	5 6		SS	1'	24 22 30	0 ppm - HNU END TIME - 13:30
	7 8 9 10 11 12 13					

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LOG OF BORING LB-5 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt	1		SS	0.2'	12	START - 14:30
BROWN SILT, SOME FINE SAND TRACE FINE GRAVEL, TRACE BRICK TRACE GLASS (DRY)	2				13 12 7	OPPM - HNU
BROWN FINE SAND, SILT VERY FINE GRAVEL, TRACE GLASS, RUSTED METAL, WHITE CLAY MATERIAL	3 4		SS	1.1'	5 5 5 10	ENVIRONMENTAL SAMPLE 0.5 - 4.5 OPPM - HNU
RUST, WHITE CLAY MATERIAL RUSTED METAL FLAKES, TRACE FINE GRAVEL, f-m sand	5 6		SS	0.85'	6 5 6 6	OPPM - HNU ENVIRONMENTAL SAMPLE 4.5-6.5
Rock stuck in nose	7 8		SS	0'	6 6 5	NO RECOVERY. END 14:44
	9 10 11 12 13					

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LOG OF BORING CB-6 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/1/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES	DIST.	UNDIST. / CORE
CASING			WATER LEVEL	FIRST	COMPL. / 24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
FILL	~~Asphalt~~ ROCK IN NOSE. BROWN BLACK, FINE MEDIUM SAND, SOME SILT TRACE BRICK, TRACE WOOD.	1 2		SS	1.0'	4 3 3 4	Begin 12:45 Auger through asphalt Environmental sample 0.5-4.5
FILL	MOTTLED IN WHITE, FINE COARSE SAND, FINE GRAVEL MATERIAL IS CINDERS AND WHITE CLAY MATERIAL TOP 0.7" IS BROWN SILT TRACE FINE SAND, TRACE FINE GRAVEL	3 4			0.7'	4 3 4 18	0 ppm - HNV
FILL	FINE TO COARSE PARTICLES OF WOOD, GLASS, CINDERS, CONCRETE, BRICK, TRACE FINE-MED. SAND & WHITE CLAY MATERIAL. (MOIST)	5 6			1.6'	28 37 45 42	0 ppm - HNV Environmental Sample 4.5-8.5
FILL	WHITE-TAN FINE-MED. SAND TRACE FINE GRAVEL, TRACE WOOD, TRACE BRICK, TRACE WHITE CLAY MATERIAL. (MOIST)	7 8			0.8'	5 5 8 13	0 ppm - HNV END TIME - 13:00
		9 10 11 12 13					

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LOG OF BORING LB-7 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt					5	START TIME - 14:50
Brn silty f. sand, tr. c sand + f. gravel tr. brick dry	1		SS	1.2	5 6 9 4	Auger through Asphalt 0ppm HNu
	2					Encored Sample 0.5-4.5'
Brn silty f. sand tr. f. gravel tr. brick. dry	3		SS	0.3	6 14 6 3	0 ppm HNu.
	4					
Brn silt to f. sand tr. f. gravel tr. brick tr. concrete. dry	5		SS	0.6	4 6 6 4	0ppm HNu Encored Sample 4.5'-10'
	6					
Brn silty f. sand tr. brick tr. f. gravel (moist)	7		SS	0.4	4 3 6 5	0ppm HNu.
	8					
Brn SILT tr. f. sand tr. brick tr. concrete (moist/dry)	9		SS	0.5	5 15 21	0ppm Hnu.
Concrete in hose	10					← Spoon bouncing last few blows Completed 15:20
	11					
	12					
	13					

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LOG OF BORING LB-8 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/1	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT TAN FINE-MED. SAND, TRACE SILT, CRUSHED BRICK 0.3' FROM BOTTOM DRY	1		SS	1.1'	11 10 8 4	START TIME - 12:30 0 ppm - HNU ENVIRONMENTAL SAMPLE: 0.5-4.5', 4.5-10.5'
BRN-TAN FINE MED. SAND, TRACE COARSE SAND, TRACE BRICK AND CONCRETE FRAGMENTS DRY	3			0.3'	4 3 7 6	0 ppm - HNU
ALT-BROWN RUST PARTICLES CERAMICS, BRICK, METAL SOME FINE-MED. SAND MOIST/DRY	5			1.2'	4 5 6 8	0 ppm - HNU
VAR-WHT GLASS, BROWN, MOSTLY RUST METAL, SM. FINE-MED. SAND. BRICK. MOIST/DRY.	7			1.5'	5 4 6 7	0 ppm - HNU
ROCK STUCK IN NOSE. BRN FINE COARSE SAND, TRACE OF CINDER, TRACE CONCRETE METAL - WHITE-GREY CLAY MATERIAL. MOIST	9			0.3'	6 4 8 6	0 ppm 1 min END TIME 12:45
	11					
	12					
	13					

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LOG OF BORING LB9 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt						Begin 15:35
Brn SILT tr. f. sand tr. f. gravel tr. brick tr ceramics dry	1		SS	1.4	6 13 23 20	Augers through Asphalt
	2					0ppm HNu.
Brn SILT tr f. sand tr. f. gravel tr. brick. dry	3		SS	0.8	10 12 11 10	0ppm HNu.
	4					Emitted Sample 0.5 - 4.5'
Brn silt tr. f. sand + crushed brick. dry	5		SS	0.5	4 7 5 5	0ppm HNu.
	6					Emitted Sample 4.5 - 8.5'
Brn SILT tr. f. gravel tr. f. sand tr. brick dry	7		SS	0.5	4 5 5 4	0ppm HNu.
	8					Emitted Sample
Brn SILT tr. f. sand tr. concrete tr. brick dry	9		SS	0.5	5 6 8 13	0ppm HNu 8.5' - 12'
	10					
Brn SILT tr f. sand tr. f. gravel tr. concrete tr. brick. wet/dry	11		SS	1.0	7 8 7	0ppm HNu.
	12					Completed 16:10
	13					

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LOG OF BORING LB-10 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/1/14	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt						Begin 11:43
0.5' Crushed Brick + Stone						Auger through asphalt
Brn f-m sand some silt tr. f gravel tr. asphalt DRY	1		SS	1.1'	13 20	ENVIRONMENTAL SAMPLE: 0.5-4.5
	2				21 20	6.5-9' 9-12.
ASPHALT STUCK IN NOSE FINE MEDIUM SAND + SILT TRACE FINE GRAVEL DRY.	3		SS	0.5'	13 24	0 PPM - HNU
	4				13 6	
	5				5	NO RECOVERY.
	6		SS	0'	6 5	
ROCK IN NOSE OF BORING.	7				5	0 PPM - HNU
FINE MEDIUM SAND + SILT TRACE ASPHALT. TRACE FINE GRAVEL			SS	0.8'	4 6	
	8				5 4	
MOTTLED WHITE FINE-MED SAND, TRACE SILT, WHITE CLAY MATERIAL, STRACE FRAGMENTS. MOIST/DRY	9		SS	0.4'	5 5	0 PPM - HNU
	10				6 16	
WHITE-GREY FINE-MED SAND, FINE GRAVEL, SPECKLED W/ WHITE CLAY MOIST MATERIAL	11		SS	0.8'	3 4	0 PPM - HNU
	12				4	END TIME - 12:10
	13					

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LOG OF BORING CB-11 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 6/30/14	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt	1				9	Begin 16:47 Auger through Asphalt Hit refusal @ 0.5' Will auger to 1' Hit refusal @ 1.5' Move boring 2-3' south.
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING LB-11A **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 6/30/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt						Begin 14:00
Brn silt tr. f-m sand tr. gravel tr. brick tr. concrete dry	1, 2		SS	1.4	13, 8, 15, 9	Auger through Asphalt. 0ppm HNu.
Brn silt + f-m sand tr. f. gravel tr. brick dry	3, 4		SS	0.7	8, 13, 12, 9	0ppm HNu Eventual Sample 0.5-4.5'
Brn silt + f-m sand tr. f gravel tr. brick tr. concrete dry	5, 6		SS	1.0	6, 4, 4, 18	0ppm HNu
Brn silt + f-m sand tr f. gravel tr. brick tr. terra cotta pipe tr. concrete dry	7, 8		SS	1.0	34, 9, 8, 9	0ppm HNu. Eventual Sample 4.5-8.5'
Brn silt + f-m sand tr. f. gravel tr brick.	9, 10		SS	0.9	5, 5, 6, 11	0ppm HNu.
Brn silt + f-m sand tr. f gravel tr. brick tr. concrete	11, 12		SS	0.9	5, 6, 8, 7	0ppm HNu. Eventual Sample
Brn silt + f-m sand tr. f. gravel tr. brick.	13, 14'		SS	0.8	7, 7, 7	0ppm HNu 8.5-14' completed 17:30

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LOG OF BORING CB12 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/1/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt						Begin 10:30
BROWN SILT + BROWN F-M SAND TRACE CONCRETE, TRACE BRICK.	1		SS	0.8	13 23 13 22	Auger Through Asphalt ENVIRONMENTAL SAMPLE- 0.5-4.5' 4.5-8.5 8.5-14'
BROWN SILT + BROWN F-M SAND. MOIST	3		SS	0.6	5 5 2 2	2-5 PPM - HNU TAR IN NOSE OF BORING
ROCKS STUCK IN NOSE. BROWN SILT + BROWN F-M SAND.	5		SS	0.4	4 7 10 8	0 PPM - HNU
ROCKS IN NOSE OF BORING. COAL IN BOTTOM 3". TOP IS FINE MED. SAND. TRACE SILT TRACE CLAY, CONCRETE	7		SS	1.0	8 16 10 12	0 PPM - HNU
ROCKS IN NOSE OF BORING. FINE MED. SAND. TRACE SILT, TRACE CLAY.	9		SS	0.6	6 7 8 7	0 PPM - HNU
BOTTOM 0.6' IS HARD ASPHALT NEXT 0.4' CRUSHED CONCRETE NEXT 0.5' BROWN FINE-MED. SAND TRACE SILT, TRACE CLAY TRACE FINE GRAVEL.	11		SS	1.5	8 16 16 24	0 PPM - HNU HOLE CAVED IN AUGER TO 12.5'
BOTTOM 0.3", BROWN SILTY FINE MED. SAND. 0.2" → ASPHALT. REST IS BROWN ~~FINE~~ MED. SAND. F-M SILT TRACE OF BRICK TIP IS WET, REST IS DRY/MOIST.	13		SS	1.0'	4 10 12	0.1 PPM - HNU 14.0' END TIME - 11:25

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LOG OF BORING CB-13 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/1/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT	7 1/4" Hollow Stem.	NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt.						START 7:15
Brn silt tr. f-v sand tr. concrete.	1		SS	1.0	10 25 15 7	Auger through Asphalt 0ppm HNu. Environmental Sample 0.5-4.5'
2" crushed brick dry						
Brn SILT, tr. f-v sand tr. concrete, tr. brick, concrete in nose dry	3		SS	1.0	5 25 25 25	0ppm HNu Envirn Sample 4.5-12.5'
Brn SILT tr. f-v sand tr. f-c gravel tr. brick tr. concrete dry	5		SS	0.9	5 6 9	0ppm HNu
Brn SILT tr. f-v sand tr. brick tr. concrete dry	7		SS	0.8	2 6 12 6	0ppm HNu.
Brn f-v sand + SILT tr. c. sand tr. f gravel tr. brick. moist	9		SS	0.7	2 6 9 7	0ppm HNu
Brn f-v sand + SILT tr. c. sand tr. f gravel tr. brick MOIST	11		SS	0.5	2 4 6 6	0ppm Hnu Environtal Sample 12.5-16 Ft
brn-yel f-m sand tr. c. sand MOIST	13		SS	1.0	6 7 7 5	
3" Brn clayey SILT tr. f-c sand.						

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JOB NO. _____

DATE 7/1/94

LOG OF BORING NO. LB-13

SHEET _____ OF _____

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT	SAMPLES PENETR RESIST BLWS in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
BROWN-YELLOW CLAY, TRACE FINE SAND, TRACE SILT, TRACE FINE GRAVEL	15		S	0.7	5 20 9	0ppm HNu
	16					completed 8:10

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LOG OF BORING LB-14 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH 7/1/94	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER			
SAMPLER HAMMER / WEIGHT / DROP		INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT BROWN, FINE SAND, TRACE SILT, TRACE COARSE SAND, TRACE FINE GRAVEL DRY.	1		SS	1.5'	30 32 20 30	START TIME - 8:40 0 PPM - HNU ENVIRONMENTAL SAMPLE 0.5 - 5.0
BROWN FINE - MED SAND TRACE SILT, TRACE CONCRETE TRACE FINE GRAVEL, TRACE BRICK (DRY)	2 3 4		SS	0.6'	4 45 35 6	SPOON BOUNCING REFUSAL AUGER TO 3.0' GRINDING 5 PPM - HNU
FINE - MEDIUM SAND TRACE SILT, TRACE FINE GRAVEL, TRACE CONCRETE DRY.	5 6		SS	1.0'	10 12 12 9	AUGER TO 5' 5-10 PPM. Enviromtal Sample 5-10' GRINDING SLIGHT ODOR
BROWN FINE SAND AND SILT, TRACE FINE GRAVEL, COAL FRAGMENTS DRY/MOIST	7 8 9		SS	1.0'	7 7 4 9	0 PPM - HNU
BROWN FINE SAND AND SILT, TRACE FINE GRAVEL, DRY/MOIST.	10 11			0.6'	2 3 7 19	0.1 PPM - HNU AUGER 9'-11'
BROWN SILT, TRACE FINE SAND TRACE FINE COARSE SAND, TRACE COAL FRAGMENTS MOIST	12 13			1.1'	9 9 6 7	0 PPM - HNU Environtal Sample 10-15'

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JOB NO. _____

DATE _____

LOG OF BORING NO. LB-14

SHEET _____ OF _____

DESCRIPTION	DEPTH SCALE	SAMPLES NO. & LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BLWS in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
BROWN FINE-med SAND, SILT, TRACE GLASS, TRACE COARSE SAND MOIST	13		SS	0.4	10 12 18 20	0 PPM - HNV ANGLE TO 15'
	15		SS	0'	4 6	NO RECOVERY. END TIME 10:00
	16					
	17					

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LOG OF BORING LB-15 **SHEET** 1 **OF** _____

PROJECT: Alexanders		PROJECT NO.	
LOCATION: Queens, NY		ELEVATION AND DATUM	
DRILLING AGENCY: EOI		DATE STARTED: 11/18/94	DATE FINISHED
DRILLING EQUIPMENT: B-52 MOBILE DRILL		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT: 4 1/4" HOLLOW STEM		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING: NA		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN: Nick Fallucca	
SAMPLER: 2" split spoon		INSPECTOR: Elana Sokol, Lou Russo	
SAMPLER HAMMER / WEIGHT: 140 lb / DROP: 30"			

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt, Gravel						START = 11:50
Lt brown to black f-c sand, some f-c gravel, tr silt FILL, dry	1	S-1	SS	1.1	16 24 29	DRILL THRU ASPHALT HNu = 0 ppm OVA = 2 ppm
Brown-black f-c sand, tr f-m gravel, tr silt brown f sand, some silt dry/moist FILL	2 3	S-2	SS	1.4	17 8 8 14	HNu = 0.4 ppm Environmental sample collected 2-4 OVA = 0 ppm
Brown f-c sand, tr f-m gravel, tr silt moist FILL	4 5	S-3	SS	0.9	7 6 4 5	HNu = 0 ppm OVA = 1 ppm
Brown f-m sand tr silt Black white mottled f-m sand and gravel Lt brown-gray f-m sand, tr silt	6 7	S-4	SS	0.8	7 8 4 5	HNu = 1.5 ppm Env. sample collected 6-8' OVA = 0.3 ppm
Lt brown-brown f-m sand tr silt, tr f gravel Black-gray f-m gravel, tr f-c sand FILL	8 9	S-5	SS	1.2	8 11 16 19	HNu = 0 OVA = 1 ppm
	10 11	S-6	SS	NR	10 11 17 27	OV ROCK IN NOSE
Brown-Blk-brown f-m sand, some silt	12 13	S-7	SS	1.0	9 18 7 11	OVA = 0 HNu = 0
	14					

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JOB NO. _____
DATE 11/18/94

LOG OF BORING NO. B-15

SHEET 2 OF 2

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brown f-m sand, tr f-m gravel	14				5	
some silt moist		S7	SS	13	16	HNu = 0
	15				20	OVA = 3 ppm
					26	Env. Sample. 14-16'
	16					
Brown f-m sand, some silt moist					19	HNu = 3 ppm
		S8	SS	09	26	~~Env Sample collected~~
	17				39	~~17 - 18'~~
						OVA = 8 ppm
					38	Rock in Nose
	18					End: 13:00

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LOG OF BORING LB-16 **SHEET** 1 **OF** 2

PROJECT: Alexanders		PROJECT NO.: 1226201.10	
LOCATION: Queens, NY		ELEVATION AND DATUM:	
DRILLING AGENCY: EDI		DATE STARTED: 11/18/94	DATE FINISHED: 11/18/94
DRILLING EQUIPMENT: B-52 MOBILE DRILL		COMPLETION DEPTH: 18'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" HOLLOW STEM AUGER		NO. SAMPLES:	DIST.: UNDIST.: CORE:
CASING:		WATER LEVEL:	FIRST: COMPL.: 24 HR.:
CASING HAMMER: WEIGHT: DROP:		FOREMAN: Nick Fallucca	
SAMPLER: 2 1/2" Split Spoon		INSPECTOR: Elana Sokol, Lou Russo	
SAMPLER HAMMER: WEIGHT: 140 lb DROP: 30"			

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt, Gravel						START: 10:15
Brown-gray f-m sand, tr. silt, tr. f gravel, tr. concrete, tr. brick, black f sand FILL dry/moist	1	S-1	SS	0.7	16 15 4	DRILL THRU ASPHALT LOCATED 1' NORTH OF B-50 HNu = 0 ppm OVA = 0 ppm
	2				10	
	3	S-2	SS	NA	7 10 7	
black f-m sand, tr. silt, tr. f gravel	4				3	HNu = 0 ppm
brown-black f-c sand, tr f-c gravel, tr silt, dry/moist FILL	5	S-3	SS	0.8	3 2 2	OVA = 0 ppm ~~Environmental sample collected at 4'-6'~~
	6				2	HNu = 0
brown-black f-c sand, tr silt, tr f-m gravel, tr. brick moist/dry FILL	7	S-4	SS	0.7	5 3 2	OVA = 0
brown-gray f-m sand, tr silt, tr f-m gravel, tr. white material, tr wood dry/moist FILL	8				2	HNu = 0
	9	S-5	SS	0.5	3 7 9	OVA = 0
Reddish brown f-m sand, tr. silt, tr. white ceramic like material	10	S-6	SS	0.4	20 9	HNu = 0 OVA = 0
brown-gray f-m sand, tr. silt, white ceramic material FILL dry/moist	11				9 9	ENVIRONMENTAL SAMPLE COLLECTED 12'-14'
	12				4	HNu = 1 ppm
Brown f-m sand, some silt, tr f-c gravel, tr white ceramic like material, tr clay moist/dry FILL	13	S-7	SS	0.7	36 56 50/5"	OVA = 0 ppm REFUSAL
	14					

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JOB NO. _____

DATE 11/18/94

LOG OF BORING NO. LB-16

SHEET 2 OF 2

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dk brown f-m sand, tr silt	14				6	
Black brown f-m sand, tr silt		S-8	SS	10	36	HNu = 0 [illegible]
Brown f-m sand, tr silt, tr clay	15				21	OVA = 0
Natural moist					18	
Brown - black f-m sand, tr silt, tr clay	16				18	HNu = 20-50 ppm
		S-9	SS	1.9	31	Env. Sample collected
moist	17				39	16'-18'
					47	OVA = 10-20
	18					END: 11:20

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LOG OF BORING LB-17 **SHEET** 1 **OF** 1

PROJECT: Alexanders		PROJECT NO.	
LOCATION: Queens, NY		ELEVATION AND DATUM	
DRILLING AGENCY: Environmental Drilling, Inc.		DATE STARTED: 11/18/94	DATE FINISHED: 11/18/94
DRILLING EQUIPMENT: B-57 Mobile Drill		COMPLETION DEPTH: 4 1/2'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" Hollow Stem		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER: WEIGHT: DROP:		FOREMAN: Nick Fallucca	
SAMPLER: 2" split spoon		INSPECTOR: Elana Sokol, Lou Russo	
SAMPLER HAMMER: WEIGHT: 140 lb DROP: 30"			

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BLWS in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Asphalt, gravel Brown f sand, some silt, tr. c sand, tr. f gravel Brown-red brown f-c sand, tr. silt, tr f gravel FILL dry Grey-brown f-c sand, tr f-m gravel, tr silt FILL dry couple cb pieces of stone low volume for sampling	1 2 3 4 5 6 7 8 9 10 11 12 13 14	S-1 S-2 S-3	SS SS SS	1.1 .78 NR	14 21 33 30 27 29 48 50/1"	START: 8:20 DRILL THRU ASPHALT HNu=4ppm OVA=2ppm OVA=0 ppm HNu=14 ppm Refusal END: 9:00 Environmental Samples collected @ ~~2.5-4~~ (~~1.5-4~~) 1.5-4 Area was obstructed by cars. Could not get any closer to proposed location. FENCE I" = 20' 1. LB-17

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LOG OF BORING LB-17A SHEET 1 OF ____

PROJECT Alexanders		PROJECT NO.	
LOCATION Queens, NY		ELEVATION AND DATUM	
DRILLING AGENCY EDI		DATE STARTED 11/18/94	DATE FINISHED 11/18/94
DRILLING EQUIPMENT B-57 Mobile Drill		COMPLETION DEPTH 12'	ROCK DEPTH
SIZE AND TYPE OF BIT 4¼" Hollow Stem		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN Nick Fallucca	
SAMPLER 2" Split Spoon		INSPECTOR Elana Sokol, Lou Russo	
SAMPLER HAMMER	WEIGHT 140 lb / DROP 30 ft		

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	TYPE	RECOV. FT.	PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	0–4					START: 9:10 Drill thru asphalt Fence P-44 30' LB-17A 5' LB-17
Red brown f-c sand, tr. f gravel Fill dry moist	4–6	S-1	SS	0.6	5 5 6 7	HNu = 1 ppm OVA = 0 WOOD IN WASH
Red brown f-m sand, tr. silt, tr f-m gravel, tr wood Fill moist	6–8	S-2	SS	1.8	9 6 4 4	HNu = 0.4 ppm OVA = 1 ppm Environmental Sample Collected at 6-8'
Red brown f-c sand, tr. silt, tr. wood, tr f-m gravel, tr brick FILL moist	8–10	S-3	SS	0.5	2 1 1 1	HNu = 0 ppm OVA = 0 ppm
Gray brown f-c sand, tr. silt, tr wood, tr f-m gravel, tr. clay	10–12	S-4	SS	0.4	11 4 7 4	HNu = 0 OVA = 0
	12					End: 9:35

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LOG OF BORING P-1 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY LAND TECH REMEDIAL		DATE STARTED 7/25/94	DATE FINISHED
DRILLING EQUIPMENT GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN Dale Nelso	
SAMPLER 1¼" SOIL SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
brn f-c sand tr silt tr f-m gravel tr glass, tr ceramic dry	1			16"		Start Time 14:15 Drill thru asphalt HNU = 0 ppm
br-blk f-c sand tr silt tr f-m gravel tr glass, tr ceramic dry	2–3			8"		HNU = 0 ppm Composited Sample 0-4
br-blk f-c sand tr silt tr f-m gravel tr glass, tr ceramic dry	4–5			5"		HNU = 0 ppm Composited Sample 4-11
moist br-blk f-c sand tr silt tr f-m gravel tr glass, tr ceramic wet	6–7			2"		HNU = 0 ppm
blk f-c fragments of sand, glass, wood, ceramic cinders tr clay wet/moist	8–9			10"		HNU = 0 ppm odor
blk f-c fragments of sand glass, wood ceramic cinders tr clay tr white grs pasty material wet	10–11					Lost rod down hole had to move 6" and continue hole.
	12–13					completed 15:13

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LOG OF BORING P-2 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LANO TECH REMEDIAL		DATE STARTED 7/25/94	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER / WEIGHT / DROP			FOREMAN	Dale Nelson	
SAMPLER	1¼" SOIL SAMPLER		INSPECTOR	Dal.	
SAMPLER HAMMER / WEIGHT / DROP					

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
br. f-m sand tr silt, tr glass brick fragments, tr wood	1			14"		Start Time: 13:30 Drill Thru Asphalt 0ppm = HNu
gr-wh. mottled clay + ceramic black tr. cinders, glass sand	2 3 4			14"		0ppm - HNu odor
gr-wh. mottled clay + ceramic black tr. cinders, glass sand	5			3"		0ppm - HNu
moist/wet gr-wh mottled clay + ceramic black cinder, glass sand	6 7			7"		0ppm - HNu
gr-wh, mottled clay + ceramic black tr, cinder, glass sand moist/wet	8 9			6"		0.4ppm - HNu
tr. clay black sand tr. cinder, glass gr-wh mottled clay + ceramic wood plug	10 11 12 13			6"		0.1ppm - HNu End Time: 14:08

080983

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LOG OF BORING P-3 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY	LAND TECH REMEDIAL	DATE STARTED 7/25	DATE FINISHED
DRILLING EQUIPMENT	GEOPROBE GH-40	COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	Dale Nelson
SAMPLER	1¼" SOIL SAMPLER	INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
f-m sand rust, glass tr. silt	1			11"		12:50 Drill through asphalt 0ppm = HNu Env. Sample - 0-4'
white gray mottled f-c fragments of white clay putty mat cinders, metal, glass tr. f-c sand	2 3			15"		0 ppm = HNu
wh-gr. mottled f-c fragments of white clay putty mat cinders, metal glass, asphalt sm. f-c. sand	4 5			4"		Env. Sample 4-10' 0 ppm = HNu
rock stuck in noe	6					
wh-gr mottled f-c fragments of white clay putty mat cinders, metal, glass, asphalt sm f-c sand	7			9"		0ppm - HNu
moist/wet wh-gr mottled sl. ceramic, f-c frag. of wh-clay putty mat cinders, metal, glass asphalt sm. f-c sand	8 9			5"		0.1 ppm - HNu
black-brown f-c sand + gravel so. wood, cinders	10 11			8"		▽
	12					End Time: 13:22
	13					

080983

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LOG OF BORING P-4 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/29/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
mottled gy blk wh f-c sand cinder glass metal ceramic white pottery tr silt dry	1			12		13:35 Drill through Asphalt there was working odor present
mottled gy blk wh f-c sand cinder glass metal ceramic white pottery tr. silt dry	2–4			10		Envir Sample 0-4
mottled gy wh blk f-c sand cinder glass metal ceramic wh pottery tr brick moist	5			6		Envir Sample 4-12'
Blk f-c sand glass metal wood brick tr silt moist	6–8			6		
mottled gry blk f-c sand metal glass ceramic tr silt moist	9			10		
Blk f-c sand tr silt glass metal cinder ceramic wet	10–12			14"		
	13					

14:00

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LOG OF BORING P-5 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/29/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
BRK fc sand tr silt tr glass cinder ceramic brick wood	1			8"		14:05 Drill through asphalt No Hole.
Blk f-c sand tr silt tr glass cinder ceram brick wood	2			6"		Envir 0-4
Blk fc sand t silt tr glass cinder ceram brick wood	4			6"		Envir 4-11'
blk fc sand t silt glass cinder brick	6			6"		
blk fc sand t silt glass cinder brick	8			1' 6"		
Blk fc sand t silt Glass cinder brick wood	10			14"		▽
	12					
	13					

080983

14:15

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LOG OF BORING P-6 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	~~Dale Nelson~~ Ant Salvatore

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
OK BRN f-m sand tr silt tr wood tr cinders tr. glass tr silt	1			12"		14:20 Drill through asphalt No HNU.
OK mottle gy wh f-c sand glass metal cinders ceramic. tr. silt	2–3			15"		odor present Envro 0-4
mottled gy wh f-c sand cinders brick glass tr silt	4–5			6"		odor present Envro. 4-12'
mottled gy wh f-c sand cinders glass brick metal tr silt	6–7			18"		odor present
mottled f-c sand tr silt cinders glass brick metal	8–9			9"		odor present
mottled f-c sand tr silt cinders glass brick metal ceramic.	10–11			6"		odor present
	12					
	13					

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LOG OF BORING P-7 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LANDTECH REMEDIAL		DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER / WEIGHT / DROP			FOREMAN		
SAMPLER	1 1/4" SOIL SAMPLER		INSPECTOR		
SAMPLER HAMMER / WEIGHT / DROP					

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DRILL Thru Asphalt Br. Firm sand tr. cl. sand f. gravel dry	1			12"		Start Time: 11:50 0ppm - HNu Environmental Sample 0-4'
Tr. Asphalt Tr. glass, Tr. metal wh. putty like material f-c sand gray mottled white	3			12"		0ppm - HNu
gray mottled white wh. putty like material cinders, f. gravel m-c. sand dry	5			8"		0ppm - HNu
gray mottled white wh. putty-like material cinders f. gravel m-c sand dry	7			7"		0ppm - HNu
gray mottled white wh. putty-like material cinders f. gravel m-c sand moist/wet	9			10"		0ppm - HNu
wet black cinders f. gravel m-c sand	11			8"		▽ 0ppm - HNu End Time: 12:15
	13					

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LOG OF BORING P-8 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/25/94	DATE FINISHED	
DRILLING EQUIPMENT	GEO PROBE - GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER / WEIGHT / DROP			FOREMAN		
SAMPLER					
SAMPLER HAMMER / WEIGHT / DROP			INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DRILL THROUGH ASPHALT						9:22
BROWN F-C. SAND - TR. METAL TR. WHITE PUTTY-LIKE MATERIAL TR. CINDER (MOIST/DRY)	1	1		16"	NA	OBSTRUCTION AT 6" MOVE HOLE EAST.
BROWN F-M SAND. - TR. METAL TR. WHITE PUTTY-LIKE MATERIAL 2-3" CINDERS. (MOIST)	2			13"		0-2" 0 ppm-HNU.
BROWN F-M SAND TR. METAL TR. WHITE-PUTTY-LIKE MATERIAL TR-SHALE, TR. CINDER, TR GLASS (DRY/MOIST)	3			12"		
BROWN F-M SAND TR. METAL, TR. WHITE-PUTTY-LIKE MATERIAL, TR. CINDER, TR. GLASS, TR. SHALE	4			9"		0.1 ppm-HNU.
BROWN F-M SAND TR. METAL TR. WHITE-PUTTY-LIKE MATERIAL TR. CINDER, TR. GLASS. TR. SHALE	5			11"		0 ppm-HNU.
BROWN F-M SAND. TR-METAL TR. WHITE PUTTY-LIKE MATERIAL TR. CINDER. TR. GLASS. TR. SHALE	6			8"		0.1 ppm-HNU.
	7					WATER AT 11'
	8					END OF BORING 9:55
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING P-9 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT	GEO PROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DRILLING THROUGH ASPHALT BROWN F-M SAND, TR SILT TR. F. GRAVEL 6" CRUSHED WHITE BRICK	1			16"		SAMALE - 10:00 0 PPM - HNU.
7" CINDERS, WOOD, RUSTED METAL	2					
10" BL.-BR. F-C. SAND. RUSTED METAL, CINDERS.	3			17"		0 PPM - HNU
7" BL-BR. F-C SAND.	4					0 PPM - HNU.
GR./WHT. MOTTLED F-C. FRAGMENTS WHITE-PUTTY-LIKE. TR. CINDERS. TR. GLASS. TR RUSTED METAL	5			13" 2" 3"		0 PPM - HNU. 0 PPM - HNU
GR./WH. MOTTLED F-C. FRAGMENTS WHITE PUTTY-LIKE. TR. CINDERS. TR. GLASS, TR. RUSTED METAL.	6					
GR./WH MOTTLED F-C. FRAGMENTS. WHITE PUTTY-LIKE MATERIAL. TR. CINDERS TR. GLASS. TR RUSTED METAL.	7					
	8					
	9					
	10					END OF BORING 10:30
	11					
	12					
	13					

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LOG OF BORING P-10 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk f-c sand tr. cinder glass metal wood	1			11"		13:10 Drill through asphalt No Hole.
Bk mottled f-c sand tr. cinder glass silt metal wood	2			6"		odor present Envir 0-4
Bk-gy f-c sand tr. cinder metal wood glass	4			6"		odor present Envir 4-12'
Blk gy f-c sand tr. silt cinder metal wood glass	6			6"		odor present
Blk f-c sand tr silt cinder metal wood glass	8			10"		odor present
Blk gy mottled f-c sand to silt tr. metal wood glass.	10			10"		odor present ▼
	12					
	13					

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13:30

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LOG OF BORING P-11 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk f-c sand & silt & brick & ceramic cinder Gy mottled f-c sand ceramic cinder glass metal Gy blk wh mottled f-c sand ceramic cinder glass metal Gy blk wh mottled f-c sand glass ceramic cinder metal Gy blk mottled f-c sand glass ceramic cinder metal Gy-blk wh mottled f-c sand glass metal cinder brick.	1 2 3 4 5 6 7 8 9 10 11 12 13			14" 8" 11" 10" 13" 12"		12:30 Drill through asphalt Auger not working (Env) Envir 0-4 Envir 4-12

080983

12'5"

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LOG OF BORING P-12 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/25	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
BRN-BLK f-c sand fragments glass, wood ceramics wh. putty material tr. Brick. tr. clay tr. silt dry	1			2'		15:30 Drill through Asphalt
BLK f-c sand glass wood cinders ceramics brick putty material moist	2–3			2'		Environmental Sample 0-4' HNu=0
mottled gry-white f-c sand glass wood cinders ceramic putty material moist/wet	4–5			6"		Environmental Sample HNu=0 4-10'
mottled gry-white f-c sand glass wood cinder ceramic putty material	6–7			6"		Had no recovery HNu=0 8-10' had to move 6" away to grab another sample,
mottled gry-wh BLK f-c sand glass wood ceramic putty material tr. f. gravel	8–9			6"		HNu=0
	10–11					16:15
	12–13					

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LOG OF BORING P-13 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY LAND TECH REMEDIAL		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER 1 1/4" SOIL SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
drill thru asphalt brown fine sand + silt tr. fine gravel tr. glass dry	1			15"		START TIME: 11:12 0 ppm - HNu
black fine - red sand + silt tr. glass, tr. cinders tr. fine gravel dry	2–3			11"		Encountered Soils 0-4 0 ppm - HNu
~~black f-m sand + silt~~ black mottled white so. hard fragmented so. clay putty dry	4–5			11"		~~Encountered Soils~~ 4-10' 0 ppm - HNu
dry - moist f-c sand black mottled white - so. hard fragmented so. clay putty metal stuck in nose	6–7			6"		0 ppm - HNu
wet f-c sand black - mottled white - so. hard fragmented so. clay putty	8–9			2"		hard drilling 0 ppm - HNu ▽
wet f-c sand black - mottled white - so. hard fragmented, so. clay putty ceramic jar metal stuck in nose	10–11			2"		0 ppm - HNu End Time: 11:45
	12–13					

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LOG OF BORING P-14 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT GEO PROBE GH-40			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
ASPHALT - DRILL THROUGH.						
gray-brown - fine to coarse sand tr. cinders tr. metal. (moist)	1					8:45
gray-br. f-c sand tr cinders. tr. metal. (moist)	2					1 ft. recovery. 0ppm - HNU
GRAY - MOTTLED - GRAY/WHITE F-C. CINDER AND SAND, WHITE PUTTY-LIKE MATERIAL (MOIST	3					7" recovery. 0ppm. HNU
GRAY - MOTTLED - GRAY-WH F-C. CINDER AND SAND, WITH TE PUTTY-LIKE MATERIAL (MOIST)	4					1' recovery. 0 ppm. HNU
GRAY - WHITE MOTTLED - F-C CINDER AND SAND WITH TE PUTTY-LIKE MATERIAL TR. WOOD. (MOIST)	5					9" recovery 0 ppm - HNU
GRAY - WHITE MOTTLED F-C CINDER AND SAND WITH TE PUTTY-LIKE MATERIAL TR. WOOD tr. fine gravel.	6					4" 0ppm - HNU
	7					10-12" 0ppm - HNU
	8					WATER AT 11'
	9					SAMPLE TIME 9:17 GEO TECH SAMPLE 4-11'
	10					
	11					
	12					
	13					

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LOG OF BORING P-15 **SHEET** 1 **OF** _____

PROJECT				PROJECT NO.	
LOCATION				ELEVATION AND DATUM	
DRILLING AGENCY	LAND TECH REMEDIAL			DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT	GEO PROBE GH-40			COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT				NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING				WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT	DROP		FOREMAN	
SAMPLER	1¼" SOIL SAMPLER			INSPECTOR	
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DRILL THROUGH ASPHALT 6" BLACK F-P SAND 3" PLUG OF WOOD (7") BLACK F-P SAND (DRY)	1 2			16"		START TIME 10:30 0 ppm - HNU
GRAY MOTTLED WHITE, F-P SAND TR. WOOD TR. GLASS CINDERS WHITE PUTTY-LIKE MATERIAL (MOIST - DRY)	3 4			48"		0 ppm - HNU
NO RECOVERY.	5			N.R.		4-6' NO RECOVERY HARD DRILLING ≈1' FELL THROUGH ≈ 6"
GRAY MOTTLED WHITE F-P SAND. TR. WOOD. TR. GLASS, CINDERS. WHITE PUTTY-LIKE MATERIAL	6 7 8			72"		
GRAY MOTTLED WHITE F-P SAND TR. WOOD TR. GLASS, CINDERS. WHITE PUTTY-LIKE MATERIAL	9 10			14"		
GRAY MOTTLED WHITE F-P SAND TR. WOOD TR. GLASS CINDERS WHITE PUTTY-LIKE MATERIAL	11 12			72"		WATER AT 11' END OF BORING - 11:07
	13					

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LOG OF BORING P-16 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-gr f-c sand tr. f-gravel metal glass cinder rust cement. dry	1			17"		Drill through asphalt No HNU
gy mottled wh f-c sand cinder glass metal dry	2–3			8"		
gy mottle wh f-c sand glass cinder dry/moist	4–5			8"		
Gy-blk f-c sand gravel cinder glass metal moist	6–7			6"		
Blk f-c sand f-gravel metal glass cinder moist	8–9			9"		
Gy blk mottled f-c sand cinder cement wh. pretty natural wet	10–11			12"		▽
	12					
	13					11:50

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LOG OF BORING P-17 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk f-m sand Stm silt tr. f. gravel tr brick tr cinder. moist	1			12"		10:50 Hard wet working Drill through asphalt
gy mottled wh f-c sand ceramic glass cinder moist	2–3			11"		Enviro 0-4'
mottled wh f-c sand glass cinder brick ceramic moist	4–5			8"		Enviro 4-11'
mottled wh gy f-c sand glass cinder ceramic brick moist	6–7			6"		
white mottled gy f-c sand glass cinder ceramic brick ah-pretty natural moist/wet	8–9			10"		
gy mottled wh. f-c sand glass cinder brick ceramic. wet	10–11			10"		▼
	12–13					11:10

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LOG OF BORING P-17 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/25	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES DIST.	UNDIST. CORE
CASING		WATER LEVEL FIRST	COMPL. 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
6"	brn f-m sand + silt tr. coarse tr. f. gravel tr. brick blk f-c cinders + sand tr. silt tr. glass tr. wood dry	1			15"		16:20 Drill through asphalt HNu=0
	mottled gry white tr. sand glass, ceramic white putty material cinders wood moist	2 3			12"		Environmental Sample 0-4' HNu=0
	mottled blk wh gry c. sand glass ceramic white putty material cinders wood (moist/wet)	4 5			8"		Environmental Sample 4-10' HNu=0
	mottled blk gry white f-c sand glass ceramic white putty material cinders moist/wet	6 7			7"		HNu=0
	mottled blk gry white f-c sand glass ceramic wh. putty material cinders, wet	8 9			15"		HNu=0
		10					16:45
		11					
		12					
		13					

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LOG OF BORING P-19 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/25	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER			
SAMPLER HAMMER / WEIGHT / DROP		INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK Brn f-m sand + silt fr. glass brick.	1			11"		17:00 Drill through asphalt HNu=0
DK Brn Blk f-m sand + silt fr. glass tr. cinders tr. metal. dry	2					
	3			12"		HNu=0
mottled Blk wh gry f-c sand glass, wood cinders, wh putty material wood in nose moist	4					
	5			6"		HNu=0
mottled Blk wh gry f-c sand wood wh putty material moist/wet	6					
	7			7"		HNu=0
mottled gry/blk wh f-c sand cinders trace putty material tr. glass.	8					
	9			8"		HNu=0
mottled gry/blk white f-c sand cinders white putty material tr. glass.	10					
	11			9"		
	12					17:30
	13					

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LOG OF BORING P-20 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH 7/26	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES	DIST. / UNDIST. / CORE	
CASING			WATER LEVEL	FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK BRN f-m SAND & SILT tr. f. gravel tr. glass dry	1			9"		8:10 Drill through Asphalt, HWL=0
DK Brn f-m sand some silt tr. f. gravel dry	2					Enviro Sample 0-4' HWL=0
mottled white gry f-c sand glass ceramic white putty material, cinders tr. f. gravel wood in nose. dry	3			15"		Enviro Sample 4-11' HWL=0
white gry f-c sand glass ceramic white putty material cinders tr f. gravel	4			12"		odor present HWL=0
wh gry-blk f-c sand glass ceramic, cinders tr. f. gravel	5			7"		HWL=0
wh gry blk f-c sand glass ceramic cinders tr. f. gravel	6			12"		HWL=0
	7			16"		HWL=0 ▼
	8					8:55
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING P-21 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LAND TECH REMEDIAL		DATE STARTED 7/26/94	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER	1 1/4" SOIL SAMPLER		INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
br-gr f-m sand tr silt tr f gravel tr brick dry	1			10"		Start Time: 9:05 Drill Thru Asphalt 0ppm - HNu
	2					refusal at 2', moved hole
br-blk f-m sand so silt tr f gravel tr cinders dry	3					0ppm - HNu
	4					refusal at 4', moved hole refusal at 4' again move 5' east
	5					End Time: 9:40
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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LOG OF BORING P-21A **SHEET** 1 **OF** _____

PROJECT				PROJECT NO.	
LOCATION				ELEVATION AND DATUM	
DRILLING AGENCY LAND TECH REMEDIAL				DATE STARTED 7/26/94	DATE FINISHED
DRILLING EQUIPMENT GEOPROBE GH-40				COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT				NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING				WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT	DROP		FOREMAN	
SAMPLER 1 1/4" SOIL SAMPLER				INSPECTOR	
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 IN.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
						START TIME: 9:40 Drill Thru Asphalt
N/A	1 2 3 4					
gr-br mottled f-c sand tr f gravel, cinders, glass ceramic material dry	5			10"		0ppm - HNu
gr-br mottled f-c sand tr f gravel, cinders, glass ceramic material moist/wet	6 7			9"		30ppm - HNu ?
wet/moist mottled gr-br f-c sand tr f gravel, cinders, glass ceramic material	8 9			19"		5-15 ppm - HNu
wet gr-br mottled f-c sand tr f gravel, cinders, glass ceramic material	10 11			10"		6ppm - HNu ▽ End Time: 10:15
	12 13					

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LOG OF BORING P-22 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BLWS/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
11374 0071-1687-0 FEDEX 58-60 55th Drive Maspeth, NY 1-800-238 5355 Mannice Ave 18h off LIE 1st right go left make 1st right 55th Drive 8:15	1 2 3 4 5 6 7 8 9 10 11 12 13					9:50 (201) 417-4538 Port Chester 7:00

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LOG OF BORING R22 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
6" Brn-ved f-c sand glass metal	1			2"		9:50
6" Blk F-m sand tr f-gravel. tr cinder. moist	2					odor had refusal 0-4'
Blk f-c sand tr brick glass f-gravel wh putty material moist	3			16"		odor 4 places more all within 1.5 ft² area.
Blk fc sand tr brick glass f-gravel moist	4, 5			6"		
mottled wh gy fc sand brick metal glass ceramic wh putty material moist	6, 7			2"		
mottled wh gy fc sand brick metal glass ceramic wet	8, 9			14"		
6" mottled wh gy f-c sand brick metal glass ceramic. wet	10, 11			3"		water poured out possible that near street corner 97th + 62nd Pine had effect on water table is shallower
	12, 13					

10:40

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LOG OF BORING P-23 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dk brn Blk f-c sand metal glass cinder Ceramics tr silt	1			15"		8:40
Dk-brn Blk f-c sand tr silt ceramic metal cinders glass.	2					
	3			12"		
mottled gy wh. f-c sand glass ceramic metal wood cinder	4					
	5			12"		
mottled gy wh f-c Sand glass ceramic metal wood cinder	6					
	7			6"		
mottled gy wh f-c sand glass ceramic metal cinders	8					
	9			10"		
mottled gy wh f-c sand glass ceramic metal	10					No Recovery 1st time move 6" to W + try again.
1" Blk/brn peaty silt.	11	S1				
	12					▽
	13					

9:45

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LOG OF BORING P-24 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LAND TECH REMEDIAL		DATE STARTED 7/26/94	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER	1¼" SOIL SAMPLER		INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
f-c sand, glass, metal, rust 1" of wood on top dk br	1			16"		START TIME: 14:10 DRILL THRU ASPHALT
2" brown f-m sand+silt blk f-c sand, tr glass, tr silt, 2"	2					0 ppm - HNu
blk f-m sand tr glass, tr f gravel tr cinder dry	3			16"		0 ppm - HNu
moist blk f-m sand tr glass, tr f gravel tr cinder	4					
	5			7"		0 ppm - HNu
	6					
	7			1/2		
blk f-m sand tr f. gravel tr. glass, cinder.	8					
	9			6"		
gr mottled f-c sand moist glass, ceramic, wood, cinders	10					
	11			17"		
	12					▽ End Time 17:45
	13					

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LOG OF BORING P-25 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY LAND TECH REMEDIAL			DATE STARTED 7/26/94	DATE FINISHED	
DRILLING EQUIPMENT GEOPROBE GH-40			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER 1 1/4" SOIL SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
br. f-m sand tr silt, tr f gravel tr wood	1			9"		START TIME: 13:22 Drill Thru Asphalt 0 ppm - HNu
blk-br f-m sand tr silt, tr f gravel tr cinder	2–3			10"		0 ppm - HNu
gr-wh mottled f clay + sand tr f gravel glass, cinders, ceramic material	4–5			7"		0 ppm - HNu
gr-wh mottled f clay + sand tr f gravel glass, cinders, ceramic material moist	6–7			6"		0 ppm - HNu
gr-wh mottled f clay + sand tr f gravel glass, cinders, ceramic material moist	8–9			11"		0 ppm - HNu
gr-wh mottled f clay + sand tr f gravel glass, cinders, ceramic material	10–11			12"		▽ End Time 13:55
	12–13					

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LOG OF BORING P-26 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY LAND TECH REMEDIAL		DATE STARTED 7/26/94	DATE FINISHED
DRILLING EQUIPMENT GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING		WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER / WEIGHT / DROP		FOREMAN	
SAMPLER 1¼" SOIL SAMPLER		INSPECTOR	
SAMPLER HAMMER / WEIGHT / DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
f-m tan sand 6" 2" crushed concrete dry 3' br f-m sand last 5" dk gray concrete sand tr wh soft material, tr f gravel	1			1½"		Start Drilling: 11:10 Drill Thru Asphalt HNu = 0ppm
dk br f-c sand + silt tr f gravel dry	2 3			9"		0ppm - HNu
	4					refusal at 4', move E 1' refusal again, move N 1' 5'x6' area drilled with 7 borings, refusal under them all, moved to new area End Time: 12:00
	5 6 7 8 9 10 11 12 13					

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LOG OF BORING P-26A **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LAND TECH REMEDIATION		DATE STARTED 7/26/94	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER	1 1/4" SOIL SAMPLER				
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	1					Start Time: 12:00
	2					Drill Thru Asphalt
	3					
dk br f-c sand + silt 4" dry	4					
f-c sand + rust, glass, tr f gravel, tr wood	5			12"		HNu = 0 ppm
blk f-c sand dry tr f gravel tr ceramic tr cinder, tr wood tr metal	6					
	7			6"		HNu - 0 ppm
f-c sand 6" on top br tr f gravel tr cinders + ash dry/moist gr-blk-wh mottled	8					
	9			14"		0 ppm - HNu
f-c sand tr f gravel tr cinders + ash moist/wet gr-blk-wh mottled really saturated	10					
	11			16"		0 ppm - HNu
	12					▽ End Time: 12:43
	13					

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LOG OF BORING P-27 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY	LAND TECH REMEDIAL		DATE STARTED 7/26/94	DATE FINISHED	
DRILLING EQUIPMENT	GEOPROBE GH-40		COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES	DIST. / UNDIST.	CORE
CASING			WATER LEVEL	FIRST / COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER	1¼" SOIL SAMPLER		INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
dark br f-m sand so silt, occasional m-gravel dry	1			14"		Start Time: 10:25 Drill thru Asphalt
crushed concrete 6-10"						0ppm - HNu
br-tan f-m sand, tr metal, tr f gravel 10-14"	2					
br-tan f-m sand, tr metal, tr f gravel 1" asphalt plug in middle of br-tan f-m sand dry	3			12"		HNu - 0ppm
gr-br mottled f-c sand, tr cinders, glass white putty-like clay stuff - 5", tr f gravel	4					
gr-br mottled f-c sand, tr cinders, glass rust, metal so. white putty-like clay stuff tr. fine gravel moist/dry	5			11"		HNu - 0ppm
gr-br mottled f-c sand, tr cinders, glass rust, metal so. white putty-like clay stuff tr. f gravel moist	6					
	7			7"		HNu - 0ppm
blk f-c sand so silt tr cinders, tr metals, tr glass moist/dry	8					
	9			12"		HNu - 0ppm
wet blk f-c sand so. silt tr cinders, tr metals, tr glass tr f gravel	10					
	11			16"		▽
1" black wood in nose	12					End Time ≈ 11:00
	13					

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LOG OF BORING P-28 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/29/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-blk C sand frags of metals cinder glass	1			16"		8:00 Drill through asphalt Hav not working (Fan)
mottled gy wh f-c sand metal glass cinder tr. whe putty material	2–3			12"		
brn f-c sand glass metal wh. putty material cerami	4–5			6"		
mottled f-c cerami wh gy sand wh putty material	6–7			6"		
mottled wh gy f-c sand glass cerami metal	8–9			12"		
mottled wh gy f-c sand glass cerami metal	10–11			12"		▽
	12–13					8:30

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LOG OF BORING P-29 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/26	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-DK Brn f-c sand fr. f. gravel fr- Glass ~~cinder~~ ceramic metal dry	1			20"		15:50 Drill through concrete NO H2O available
DK-Brn-gry Black f-c sand + f. gravel fr. glass metal cinders white putty material dry	2					Limited Sample 0-4'
4" Brn f-m sand + silt	3			15"		
3" White mottled gry f-c sand fr. glass white putty mat'l dry	4					Limited Sample 4-12'
DK gry blk f-c sand cinders glass ceramic white ~~clay~~ putty material (dry/moist)	5			7"		
mottled white gry f-c sand cinders glass ceramic material wh. putty material (dry/moist)	6					
	7			6"		
	8					
	9			10"		
mottled wh. gry fc sand fr-f gravel cinders glass ceramics wet	10					
	11			7"		
	12					15:30
	13					

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LOG OF BORING P-30 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/26/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
6" Brn f-m sand + silt.	1			16"		15:40 Drill through asphalt
5" mottled gry wh f-c sand cement glass metal						
5" Blk crushed cinders + glass (dry/moist)	2					
Blk f-c sand glass cement brick tr. f. gravel cinders metal. dry	3			15"		
	4					
8" Blk f-c sand glass cement brick tr. f. gravel cinders metal	5			17"		
9" Crushed red brick + tan f-m sand (dry/moist)	6					
Red-brn f-c fragments of rusted metal tr-sm f-c sand tr. glass ~~[illegible]~~	7			7"		
	8					
mottled gry wh f-c sand gravel glass rust metal cinders wh. pretty material.	9			13"		
	10					
G sure	11			13"		
	12					16:25
	13					

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LOG OF BORING P-31 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/27	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES DIST.	UNDIST. CORE
CASING		WATER LEVEL FIRST	COMPL. 24 HR.
CASING HAMMER	WEIGHT DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT DROP	INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand + silt tr asphalt + brick 2" white gry pretty material Dk Brn f-m sand + silt tr. f. gravel tr. cinders + metal.	1 2			14"		7:45 Drill through Asphalt. Environmental Sample 0-3"
Dk Brn f-m sand + silt tr f gravel tr. cinders wh gry mottled f-c sand + f. gravel glass metal ceramic rust	3 4			18"		
wh gry mottled f-c sand + f. gravel glass metal cinders rust	5 6			9"		Environmental Sample 3-12'
wh gry mottled f-c sand f. gravel ceramic metal tr wh pretty material	7 8			7"		
wh gry mottled f-c sand f. gravel ceramics metal cinders wood in tip.	9 10			8"		8-12'
wh gry mottled f-c sand f gravel ceramics cinders	11 12			10"		▼ 8:15
	13					

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LOG OF BORING P-32 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/27/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	Brn f-m sand tr. silt tr. f. gravel	1			6"		11:35 Drill through asphalt HNU=0
3"	Crushed concrete	2					
2"	Crushed concrete Brn - blk f-c particles rust sand ceramic white pulley material	3			6"		Invid. Sample HNU= 0.4
	Brn f-c rust/metal sand cinders glass	4			6"		Invented Sample HNU= 1-5 4 12'
	mottled wh gry f-c sand cinder glass metal/rust ceramic wh pulley	6			6"		HNU=1-3
	mottled wh gry f-c sand cinder glass ceramic wh. pulley	8			6"		HNU=0
	mottled wh gry f-c sand cinder glass ceramic wh. pulley material	10			6"		HNU=0
		12					12:15
		13					

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P-33
P-33 A

LOG OF BORING _____ SHEET 1 OF _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand + silt tr. f. gravel tr asphalt dry	1			10"		10:25 Drill Through Asphalt
	2					Enviro. Sample 0-4
Brn f-m sand + silt tr f. gravel tr concrete dry	3			6"		
	4					Enviro 4-8
4" Dk Brn f-m sand + silt tr brick gry blk mottled f-c ceramic rust asphalt cinder f-m sand dry	5			12"		1-5 ppm Hnu
	6					refusal move 2' to 33A
Dk Brn f-m sand + silt	7			5"		1-5 ppm
Rock in nose dry	8					Enviro. 8-14'
Brn-red f-c sand metal/rust particles ceramics dry/moist	9			6"		1-5 ppm Hnu.
	10					
Blk-brn m-c sand glass metal cinders moist	11			7"		Hnu=0
	12					
Brn-blk c. sand glass metal/rust particles	13					Hnu=0
	14					

11:25

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LOG OF BORING P-34 SHEET 1 OF _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/27	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	DK Brn f-m sand + SILT tr. f. gravel concrete	1			12"		9:10 Drill through asphalt
3"	wood in hose dry	2					Hose=0
4"	wood in hose						
3"	Blk f-m sand to silt						Hose=0
	Brn f-m sand + SILT tr. clay tr. c. sand f. gravel. dry	3			15"		Emptied Sample 0-4'
2"	Brn wood rusted metal f. sand + gry putty material	4					Emptied Sample
2"	Blk f-m sand + SILT. tr. glass mottled gr wh cement sand	5			3"		4-8'
	Sm Blk f-c glass sand (fg)	6					
4"	asphalt + mottled gry white f-c sand cerami glass metal brick cinders (fg)	7			15"		
	mottled gry wh f-c sand cerami glass metal brick cinders	8					Emptied sample 8-15'
3"	crushed asphalt Brn wood rust/rusted cinders fg glass	9			5"		
	wh gry mottled, f-m sand white putty metal cerami	10					
	concrete in hose dry	11			5"		
	Crushed brick + f-m wh sand + ceramic fragments or concrete. wet	12					
		13			11"		water 14-5-15'

Crushed brick + f-m sand
2" Blk Pt wood

14'
15'
16'

1"

10/10

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LOG OF BORING P-35 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/27	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Tan-Brn f-m sand tr. silt tr. c. sand dry	1			17"		8:20 Drill through asphalt HNu=0
Tan Brn f-m sand tr silt tr. c. sand dry	2			14"		Enviro Sample HNu=0 0-5'
Tan Brn f-m sand tr silt tr. c. sand tr dry	4			10"		HNu=0
2" Brn-gry silty clay	6					Enviro sample 6-14'
DK Brn f-m sand + silt tr asphalt tr glass dry	7			8"		HNu=0
2" DK Brn f-m sand + silt tr. cinder/asphalt gry wh mottled f-c sand glass ceramic wh pretty wood	8			17"		HNu=0
wh gry mottled f-c sand glass ceramic metal rust	10			13"		
wh gry mottled f-c sand glass ceramic metal rust cinders wood.	12			14"		
	13					
	14'					

9105

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LOG OF BORING P-36 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/27	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
3'	crushed stone + asphalt Brn f-m sand tr. glass tr. f. gravel tr silt Asphalt in nose dr	1 2			12"		12:45 Drill through Asphalt 20-30 ppm no odor obvious
	Brn f-m sand + silt tr clay tr. f. gravel dr	3 4			12"		15-20 ppm Enviro. Sample 0-4
	Brn f-m sand tr silt tr. f. gravel dr	5 6			7"		30-50 ppm Enviro 4-8
	Brn f-m sand tr. silt tr. concrete tr f gravel. dry	7 8			7"		30-50 ppm Hall.
	Brn f-m sand + silt tr. c. sand. crushed concrete moist	9 10			10"		Enviro 8-14' 5-15 ppm
	mottled gry wh f-c sand ceramic cinder glass metal/moist	11 12			11"		0.1-0.5 ppm
5"	Brn f-c sand ceramic moist metal	13			10"		← 0.5-1 ppm Hall
5"	blk silty f sand tr. clay	14'					0 ppm Hall

13:30

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LOG OF BORING P-37 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK Brn f-m sand tr. silt	1			5"		14:30 Drill through asphalt
tr	2					Envir sample 0-4
DK Brn f-m sand tr silt	3			8"		5-10 ppm-Hm
2" layer cinders						
tr	4					Emerted sample 4-11
Brn-tan silty f-m sand	5			11"		15-20 ppm Hm
tr	6					
	7			12"		20 30 ppm Hm
dry/moist	8					
	9			18"		10-15 Emerted Sample
dry/moist	10					
	11			13"		10-15 ~~11~~
crushed concrete mottled gravel f-c tr	12					
sand rust glass metal ceramic	13			12"		15-20
moist/wet	14					

15:15

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LOG OF BORING P-38 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/28/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-tan f-m sand sm silt tr. f. gravel. dy.	1					Envir 0-4'
Brn f-m sand sm silt tr. f. gravel dy	2					
Brn f-m sand sm silt tr. f. gravel dy	3					
Brn f-m sand sm silt tr. f. gravel dy	4					Envir 4-10'
Brn f-m sand sm silt fr. f. gravel tr. concrete dy	5					
mottled gy wh. f-c sand glass metal ceramic wh putty material dy	6					
mottled gy wh f-c sand glass metal ceramic dy	7					
Brn-red f-c sand rust/metal cinders glass dy/most	8					Envir 10-14'
	9					
	10					
	11					
	12					
	13					
	14					

080983

most/wet

1315

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JOB NO. _____ LOG OF BORING NO. R39

DATE _____ SHEET _____ OF _____

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BLWS in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	1					15 / 30 Drill Through asphalt
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					Finish 1400
	10					
	11					
	12					16:30 had no recovery in any hole < 2" will re-do hole.

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LOG OF BORING P-39 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/28/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	1					7:40
	2					
	3					
mottled gry wh f-c fr gravels glass cerm cinder tr sand 2" asphalt rust/metal dry	4–5			6"		Envirn Sample Hvm = 0 c/- 10
mottled gry wh. f-c sand f. gravel glass cerm wh pretty material cinder dry	6–7			8"		Hvm = 0.1
brn rust/metal f-c sand tr. cinder dry	8–9			4"		Hvm = 0.1 8-12
brn tan fine sand mixed metal glass cinder wet/fine	10–11			12"		Hvm = 0
	12					8:00
	13					

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LOG OF BORING P-40 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/28/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT / DROP	INSPECTOR	

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		1					8:00 Drove blind probe.
		2					
		3					
		4					Enviro sample 4-10
10"	Brn-tan f-m sand some silt tr. clay tr. f. gravel	5			14"		Hwr=0
4"	Blk f-m sand tr cinders metal/rust	6					
2"	Blk f-m sand + c metal glass cinders concrete	7			11"		Hwr=0
		8					
2"	Brick Tan-brn f-m sand tr wh putty material tr brick	9			14"		Hwr=0
		10					
	Tan brn f-m sand tr wh putty material tr. brick	11			14"		
		12					8:40
		13					

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LOG OF BORING P-41 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	1					8:50 Drove blank
	2					
	3					
asphalt Brn f-m sand tr brick tr glass tr metal	4					Environ 4-10' Hnu=0
Blk f-m sand crushed asphalt / cinder Brn f-m sand tr f gravel to silt tr brick	5			9"		
	6					
	7			26"		Hnu=0
	8					
Brn f-m sand tr silt tr brick tr. f gravel tr. wood	9			10"		Hnu=0
	10					
DK brn f-c sand glass brick metal	11			8"		Hnu=0
	12					
	13					

9:20

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LOG OF BORING R 42 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
							9:30
		1					
		2					
		3					
	brn-tan	4					
2"	F-m sand tr. f gravel. crush asphalt	5			13"		Enviro Sample 4-10' Hm=0
		6					
	Brn-gy f-c sand tr. f gravel tr. glass tr metal	7			16"		Hm=0
		8					
	mottled gry white f-c sand glass metal ceramic whe putty material.	9			14"		Hm=0
		10					
		11					
		12					
		13					

9:50

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LOG OF BORING A-43 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/28	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk f-c sand tr. silt tr. asphalt tr. f. gravel dry	1			6"		10:00 Drill through asphalt
Brn-tan f-m sand tr. asphalt tr f gravel dry	2					Enviro sample 0-4
Brn-tan f-m sand tr asphalt tr f gravel dry/moist	3					
Dk brn f-m sand & silt fr. c sand & f gravel fr. metal tr asphalt dry/moist	4			5"		Enviro Sample 4-10
mottled gry wh f-c sand glass metal ceramic veh. parts natural moist	5					
	6			10"		
	7					
	8			1"		
	9					
	10					Enviro Sample 12-14'
	11			NR		
	12					
mottled gry wh - f-c sand glass metal ceramic veh. parts natural. (dry/moist)	13			6"		
	14					

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1040

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LOG OF BORING P44 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 7/27/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
		1			NR		13:45 Drill through asphalt. prove Blank to 2' Envirs. 2-4'
	Brn f-m sand tr. c sand tr. f. gravel	2					
2"	concrete dry	3			10"		7500-1000 ? No odor Envirs 4-12'
4"	Blk f-c sand tr. concrete tr f-gravel	4					
	Brn - f-c sand tr. f gravel tr tr silt dry	5			12"		200-500 ?
	Brn f-c sand tr. f gravel tr brick tr. silt dry	6					
		7			9"		200-500 ?
3"	Brn - f-c sand tr f gravel	8					
2"	Crushed concrete + asphalt	9			15"		
	Brn f-c sand tr f gravel tr. silt dry						
	Brn f-c sand tr f-gravel tr. soft	10					
	mottled f-c sand wh gr tr glass metal	11			11"		Envirs 12-14'
	ceramic dry						
5"	DK BRN SILT tr. f sand	12					?
		13			17"		0-5 ppm Hw
	Tan f-m sand some silt tr. c sand f. gravel moist/wet						

14'

14:20

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LOG OF BORING P-45 SHEET 1 OF ____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES: DIST. / UNDIST. / CORE	
CASING		WATER LEVEL: FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES: NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand sm silt tr. f. gravel tr brick tr brick	1			15"		14:45 Drill through asphalt Hammer working.
5" asphalt	2					
Brn-f-m sand sm silt tr f gravel tr brick	3			8"		Enviro 0-4
	4					
DK Brn f-m sand tr. silt tr f gravel tr brick	5			6"		Enviro 4-8
	6					
Brn f-m sand tr silt tr f gravel tr brick	7			6"		
	8					Enviro 8-12
DK Brn f-m sand tr silt tr. f. gravel tr brick	9			7"		
	10					Enviro 12-16'
DK Brn f-m sand tr silt tr f gravel tr brick	11			11"		
mottled gy wh f-c sand glass ceramic concrete	12					
	13			11"		
mottled gy wh f-c sand glass ceramic concrete	14					
2" tangyel silty f. sand tr clay	16			12"		15:20

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LOG OF BORING P-46 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
mottled wh gry f-c sand glass ceramic	1			0"		B: 25 Drill through asphalt Hvn no functioning weather?
crushed asphalt + concrete Brn f-m sand tr. f. gravel tr brick	2–3			11"		Enviro 0-4
Brn f-m sand. tr f. gravel tr. concrete tr brick	4–5			10"		Enviro 4-8 Enviro 8-14
Brn f-m sand tr f. gravel tr concrete tr brick.	6–7			7"		
brn-gry f-c sand mottled concrete ceramic wh putty material	8–9			10		Refusal move 6" South.
mottled brn-gry fc sand concrete ceramic wh putty material	10–11			8"		Enviro 14-16
DK Brown mottled gry white f-c sand ceramic concrete tr silt	12–13			12"		
BLK organic silt (Peaty)	14					
6" YEL-TAN Silty f. sand tr. clay tr. c. sand	16			22"		14:30

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LOG OF BORING R47 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand + silt tr. c. sand + f gravel	1			14"		Enviro Sample 0-4'
Brn f-m sand tr. c. sand tr. f gravel	2					
	3			11"		
Brn f-m sand tr. c. sand tr. f gravel	4					Enviro Sample 4-8'
	5			11"		
DK Brn-Brn f-m sand tr. silt tr. c. gravel tr. asphalt	6					
	7			9"		
Brn f-m sand tr. silt tr. metal tr. f gravel tr. wood tr. brick	8					Enviro Sample 8-12'
	9			9"		
DK brn f-m sand tr. silt tr. asphalt 2" crushed	10					
	11			13"		
mottled gry wht f-c fragments glass, sand crushed ceramic cinders	12					Enviro Sample 12-16'
	13			10"		

asphalt fragments at base.

14 13" 11:30

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LOG OF BORING P-48 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/28/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
2" Concrete DK Brn f-c sand tr silt tr f-gravel tr brick	1			9"		15:30 Drill through asphalt Hand not working
Brn mottled wh. f-m sand tr. silt tr brick tr. wh putty material	2					ENVIRO 0-4'
DK Brn f-c sand tr f-gravel tr white putty material	3			5"		
DK Brn-Brn f-m sand some silt tr brick	4			13"		ENVIRO 4-8'
Brn f-m sand some silt tr brick & wh. putty material tr metal	5			7"		
Brn f-m sand some silt tr f-gravel tr wh putty tr. brick	6			15"		ENVIRO 8-14'
6"	7					
wh. f-gr particles wh sandy material	8			12"		ENVIRO 14-16'
	9			18"		
	10					
	11					
	12					
	13					
	14					
	15					
	16			20"		16:15

tan-yel silty f-m sand tr. clay tr f. gravel.

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LOG OF BORING R-44 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dk Brn - f-m sand + silt tr brick tr concrete	1			11		Drill through asphalt 5-10 ppm
dry	2					Envir 0-4'
Brn f-m sand + crushed brick	3			8		20-30
dry	4					Envir 4-8'
Brn - f-m sand + crushed brick tr. concrete	5			12		10-15
dry	6					
[illegible] - crushed concrete + asphalt tr. Brn f-m sand	7			10		15-20
dry	8					Envir 8-14'
Brn f-m sand tr. silt + brick	9			12		15-20
dry	10					Envir 14-16'
Brn f-m sand tr silt tr brick tr. asphalt	11			6		15-20
dry	12					
Brn f-m sand tr silt tr brick tr asphalt + concrete	13			19		20-30
dry	14					

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JOB NO. _____ LOG OF BORING NO. P-49

DATE _____ SHEET _____ OF _____

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk Silt peaty organic	15			14		20-30
dk	14					11:45
	7					
	18					

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LOG OF BORING P-50 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/1	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-f-m sand tr silt tr. f-gravel dry	1			11		10:00 5 ppm HNu Envir 0-4'
Brn f-m sand tr silt tr. f-gravel tr brick dry	2			6		5-8 ppm Hnu
Brn f-m sand tr silt tr concrete tr brick dry	3			1'		Envir 4-8' 20-30 ppm Hnu
Brn-gry f-c sand + concrete fragments tr brick dry	4			12		20-30 Envir 8-12'
Brn-f-m sand tr. silt tr concrete dry	5			D		20-30
Brn f-m sand tr silt tr brick tr wood dry	6			13'		30-50 Envir 12-16'
Brn f-m sand tr sit tr brick tr wood tr concrete dry	7			12"		30-50

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JOB NO. _____ LOG OF BORING NO. P-50

DATE _____ SHEET _____ OF _____

DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	SAMPLES TYPE	SAMPLES RECOV. FT	SAMPLES PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Tan brn f-c sand tr silt to f gravel tr. clay dry/moist	15			4		5-10 ppm
	16					Enviro 16-18'
tan-brn f-c sand tr silt tr. f gravel tr. clay dry/moist	17			19		20-30 ppm
	18					

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LOG OF BORING P-51 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 8/1/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES DIST.	UNDIST. CORE
CASING		WATER LEVEL FIRST	COMPL. 24 HR.
CASING HAMMER	WEIGHT DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT DROP	INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand tr silt tr. f-gravel tr. brick dry	1			1		8:45 Drill through asphalt HNu=0
Brn f-m sand tr silt tr brick tr concrete dry	2 3			1		Envirio. 0-4' Hnu=0
Brn f-m sand tr. silt tr. f-gravel tr. concrete tr asphalt dry	4 5			1		Envirio 4-8' Hnu=0
Brn f-m sand tr silt tr. f-gravel tr rusted metal in tip dry/moist	6 7			1		Envirio 8-12' Hnu=0
Brn f-m sand tr silt tr f gravel 4 becomes clayey at tip	8 9			1		Hnu=0
Brn f-m sand tr silt tr. clay tr. f. gravel	10 11			1		Hnu=0
DK Brn f-m sand tr. glass tr. f-gravel	12 13			6		Envirio 12-16' Hnu=0

14

9:45

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Langan Engineering

JOB NO. _____

DATE _____

LOG OF BORING NO. P-51

SHEET _____ OF _____

	DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	TYPE	RECOV. FT.	PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	Brn-gry f-m sand tr glass tr. concrete dry	15			6"		Hard=0 Envirn 16-18'
12"	Blk peaty silt	16					
6"	Gry-brn clayey f-m sand tr. silt moist/dry	17			24"		Hard=0
6"	Gry brn f-m sand tr silt tr clay	18					9:50

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LOG OF BORING P-55 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/1	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand tr f. gravel tr. silt tr. metal glass	1			10"		7:20 Drill through asphalt.
	2					HNu=0 Envir Smpl
Brn f-m sand tr silt tr f gravel tr brick	3			12"		HNu=0 0-5'
	4					
Brn f-m sand tr. silt tr f gravel tr. brick tr. concrete	5			6"		HNu=0 Envir Smpl 5-10'
	6					
Brn f-m sand tr. silt tr brick tr. concrete tr asphalt	7			12"		HNu=0
	8					
Brn f-m sand tr silt tr brick tr. f gravel tr concrete tr asphalt	9			15"		HNu=0
	10					7:45
	11					
	12					
	13					

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7:45

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LOG OF BORING P-58 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 7/29/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn f-m sand tr silt tr concrete dry	1			9"		15:00
Brn f-m sand tr silt tr brick tr concrete	2					Envio Sample 0-5'
	3			6"		
Dk Brn-brn f-m sand tr f-g gravel tr silt tr brick tr concrete	4					Enviro Sample 5-10'
	5			6"		
Brn f-m sand tr silt tr. f. gravel tr brick	6					
	7			6"		
Brn f-c sand tr glass tr metal tr cinders	8					
	9			10"		
	10					
	11					
	12					
	13					

15:25

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LOG OF BORING P-59 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/1/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST.	UNDIST.	CORE
CASING			WATER LEVEL / FIRST	COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-f-m sand + silt tr clay tr brick tr concrete tr asphalt dry	1			12		7:50 Drill through asphalt Hnu=0
Brn-f-m sand tr. silt tr brick tr concrete dry	2					Envir. 0-4'
	3			10		Hnu=0
Brn f-m sand tr. silt tr brick tr asphalt tr concrete dry	4					Envir 4-8'
	5			14		Hnu=0
Brn-tan f-c sand tr silt tr brick tr asphalt dry	6					
	7			10		Hnu=0
Brn-tan f-m sand tr silt tr asphalt tr brick dry/moist	8					Envir 8-12'
	9			12		Hnu=0
Brn-tan f-m sand & silt tr brick tr gravel dry/moist	10					
	11			14		Hnu=0
Brn-Dk brn f-m sand tr silt & gravel tr concrete	12					Envir 12-16'
	13			14		Hnu=0
	14					

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JOB NO. _____

DATE 8-1-94

LOG OF BORING NO. P-59

SHEET _____ OF _____

	DESCRIPTION	DEPTH SCALE	SAMPLES NO. LOC.	TYPE	RECOV. FT.	PENETR RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
	Brn f-m sand tr silt tr. clay tr f-gravel tr. Brick moist	14 15			21		Hnu=0 Envlin 16-18'
	Brn f-m sand tr silt tr. Clay tr. concrete	16 17			23		Hnu=0
21	Brn- f-c sand tr. silt moist	17					
							8:35

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LOG OF BORING P61 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Blk-gy f-c sand tr silt metal cinders wh ceramic artefact wh pottery material tr silt dry	1			11"		13:45 Hnu=0 Envir. 0-4'
Blk gy wh. mottled f-c sand cinders ceramic glass tr silt dry	2, 3			12"		Hnu=0
Blk gy wh mottled f-c sand cinder ceramic glass tr. silt dry	4, 5			6"		Envir 4-8' HNu=0
Blk gy wh mottled f-c sand cinder ceramic glass dry	6, 7			6"		Envir 8-12' Hnu=0
Blk gy wh mottled f-c sand cinder ceramic glass dry/moist	8, 9			6"		Hnu=0
Blk gy f-c sand tr wood tr silt tr. cinder wet	10, 11, 12			6"		Hnu=0 ▽ 14:20
	13					

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LOG OF BORING P-62 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/1/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES	DIST. / UNDIST.	CORE
CASING			WATER LEVEL	FIRST / COMPL.	24 HR.
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
						14:30
Blk-gry f-c Sand + f. gravel tr glass cinder brick. moist	1			5"		Drill Through asphalt Hnu=0
Blk-gry f-c sand f. gravel tr concrete tr brick tr glass dry	2			8"		Envir 0-4' Hnu=0
Blk f-c sand + f. gravel tr wood tr brick dry	3			5"		Hnu=0
mottled blk gry wh f-c sand tr. f. gravel. ceramic brick cinder glass dry	4			11"		Envir 4-8' Hnu=0
mottled blk gry wh gry f-c sand cinder ceramic glass moist	5			13"		Envir 8-12' Hnu=0
mottled blk gy wh f-c sand cinders glass brick ceramic moist/wet	6			10"		Hnu=0
	7					
	8					
	9					
	10					
	11					
	12					
	13					

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15.00

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LOG OF BORING P63 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/2/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
6"	Brn gry SILT BLK f-m sand tr silt tr. brick tr. f. gravel dry/moist	1			11 16		7:10 Drill through asphalt Hnu=0 Envir 0-4'
	Blk f-m sand & silt tr. concrete tr. brick	2					
	Brn f-m sand & silt tr. brick dry/moist	3			10"		Hnu=0 Envir 4-8'
PK	Brn-blk f-c sand tr f gravel tr silt tr. brick tr concrete tr asphalt tr. rubber. tr wood. dry	4					
		5			23"		Hnu=0 Actual @ 6' move 6" to south.
	Brn-blk f-c sand tr. f gravel tr. wood dry/moist	6					
		7			5"		Hnu=0 Envir 8-12'
	Brn- f-m sand + crushed brick tr - concrete	8					
		9			16"		Hnu=0
	DK brn-Brn f-m sand tr silt tr wood tr ceramic material	10					odor present staining(?) (oil?) 1-5 ppm
		11			23"		
		12					7:50
		13					

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LOG OF BORING P-64 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 8/2/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK-brn-gry f-m sand tr silt tr f. gravel tr wood dst/moist	1			14"		9:00 Drill through asphalt HNU=0
Brn f-m sand tr silt tr f. gravel tr. concrete. dst/moist	2			15"		Envir 0-4' HNU=0
DK brn-brn f-m sand tr silt tr. f. gravel tr brick moist	4			16"		Envir 4-8' HNU=0
Brn-gry f-c sand tr f gravel tr silt tr concrete moist	6			18"		HNU=0 Envir 8-12'
DK Brn-gry f-c sand + f. gravel tr silt moist	8			24"		HNU=0
DK Brn-gry m-c sand + f. gravel tr silt wet	10			22"		HNU=0 ▼ 8:45
	12					
	13					

080983

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LOG OF BORING P-65 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 8/2/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES DIST.	UNDIST. CORE
CASING		WATER LEVEL FIRST	COMPL. 24 HR.
CASING HAMMER	WEIGHT DROP	FOREMAN	
SAMPLER			
SAMPLER HAMMER	WEIGHT DROP	INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK brn SILT tr f-gravel tr. f-m sand dry	1			11"		8:55 Drill through asphalt Hw=0 Envir. 0-4'
DK Brn silty f-m sand tr brick tr concrete dry	2 3			12"		Hw=0 Envir 4-8'
DK brn f-m sand sw silt. tr f. gravel tr brick dry/moist	4 5			22"		Hw=0
DK brn f-m sand sw silt (moist) plug of gry med. soft material.	6 7			9"		Hw=0 Envir 8-11'
DK brn silty f-m sand crushed gravel + concrete. (moist)	8 9			6"		Hw=0
Mottled gry-blk-wh f-c sand glass cinders ceramic material.	10 11			8"		Hw=0 ▼
	12 13					9:30

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LOG OF BORING R66 **SHEET** 1 **OF** _____

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 8/2/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES	DIST. / UNDIST. / CORE
CASING		WATER LEVEL	FIRST / COMPL. / 24 HR.
CASING HAMMER	WEIGHT / DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT / DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dk Brn f-c sand tr. f gravel tr ceramic	1			6"		9:35 Drill through asphalt. Hamco Envirio 0-4'
mottled gy-blk wh f-c sand tr f gravel ceramic cinder wood	2–3			6"		Hamco
mottled gy blk wh f-c sand tr f gravel ceramic wood cinder	4–5			6"		Hamco odor present
mottled gy blk f-c sand tr f gravel ceramic wood cinder	6–7			6"		Hamco odor present
mottled gy wh blk f-c sand glass cinder ceramic metal	8–9			8"		
mottled gy blk wh f-c sand glass cinder ceramic metal.	10–11			6"		
	12–13					10:00

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LOG OF BORING R67 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK Br. BLK f-m sand & SILT tr glass	1			13"		11:50
2" crushed concrete						Hand=0 Enviro 0-4
DK-brn-gy f-m sand tr silt tr concrete tr cinder	2					
	3			12"		Hand=0
Brn f-m sand trace tr brick	4					Enviro 4-8
	5			9"		Hand=0
mottled wh gy blk f-c sand glass cinder metal glass	6					Enviro 8-12'
	7			15"		Hand=0
mottled wh gy blk f-c Sand cinder glass metal	8					
	9			13"		Hand=0
mottled wh. gy blk f-c sand cinder glass metal	10					Hand=0
	11					
	12					
	13					

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LOG OF BORING P-68 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED 9/2/94	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP	INSPECTOR		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
DK brn f-m sand tr. f. gravel tr. cinder tr. glass ceramic. dry	1			15"		11:05 Drill through thru asphalt
Brn-gry f-m sand tr silt tr f. gravel	2					Envir 0-4'
moist	3			14"		HNU=0
Brn-gry f-m sand tr silt tr f gravel	4					Envir 4-8'
moist	5			22"		HNU=0
Brn f-m sand tr f gravel tr silt	6					
rock in nose. moist	7			9"		HNU=0
Brn f-m sand tr. f. gravel tr silt	8					Envir 8-12'
	9			13"		HNU=0
Brn f-m sand tr. f. gravel tr. silt	10					
	11			10"		HNU=0
	12					11:45
	13					

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LOG OF BORING P-69 **SHEET** 1 **OF** _____

PROJECT			PROJECT NO.		
LOCATION			ELEVATION AND DATUM		
DRILLING AGENCY			DATE STARTED	DATE FINISHED	
DRILLING EQUIPMENT			COMPLETION DEPTH	ROCK DEPTH	
SIZE AND TYPE OF BIT			NO. SAMPLES / DIST. / UNDIST. / CORE		
CASING			WATER LEVEL / FIRST / COMPL. / 24 HR.		
CASING HAMMER	WEIGHT	DROP	FOREMAN		
SAMPLER			INSPECTOR		
SAMPLER HAMMER	WEIGHT	DROP			

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Dk brn blk f-m sand tr silt tr. f gravel tr brick tr cinders tr glass. dy/moist	1			16"		14:05 Have no battery.
Dk brn - blk f-m sand tr. silt tr brick tr cinders dry/moist	2			16"		Envir 0-4'
brn-gry f-m sand tr. silt tr. Cinders tr f gravel tr Moist	4			22"		Envir 4-8'
Dk brn f-m sand tr silt 2" crushed Shist (Rx)	6			8"		
Brn silty f-m sand tr brick tr grn-blk flakes tr. [illegible]	8			10"		Envir 8-12'
Dk brn-blk f-m sand tr silt tr f. gravel tr cinders.	10					
	12					14:30
	13					

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LOG OF BORING P-70 SHEET 1 OF

PROJECT		PROJECT NO.	
LOCATION		ELEVATION AND DATUM	
DRILLING AGENCY		DATE STARTED 8/2/94	DATE FINISHED
DRILLING EQUIPMENT		COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT		NO. SAMPLES DIST.	UNDIST. CORE
CASING		WATER LEVEL FIRST	COMPL. 24 HR.
CASING HAMMER	WEIGHT DROP	FOREMAN	
SAMPLER		INSPECTOR	
SAMPLER HAMMER	WEIGHT DROP		

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	TYPE	RECOV. FT.	PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-gy f-m sand tr silt tr f-gravel tr brick dry	1			16"		12:45 Drill through asphalt HNu not working (battery)
Brn f-m sand tr silt tr f-gravel tr brick tr. asphalt dry	2 3			13"		Envir 0-4'
Brn-gy f-m sand tr silt ~~tr clay~~ clayey tr concrete ↓ no clay dry	4 5			16"		Envir 4-8'
Brn gy silty f-m sand tr f-gravel 2" Blk f-m sand tr silt tr. ceramic material dry	6 7			14"		
Brn-gy f-m sand tr f-gravel tr. concrete.	8 9			20"		Envir 8-12'
Brn gy f-m sand tr silt and tr f-gravel tr concrete	10 11 12			13"		▽
	13					13:15

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Engineering and Environmental Services, Inc.

LOG OF BORING P71 **SHEET** 1 **OF** _____

PROJECT				PROJECT NO.	
LOCATION				ELEVATION AND DATUM	
DRILLING AGENCY				DATE STARTED 8/2/94	DATE FINISHED
DRILLING EQUIPMENT				COMPLETION DEPTH	ROCK DEPTH
SIZE AND TYPE OF BIT				NO. SAMPLES / DIST. / UNDIST. / CORE	
CASING				WATER LEVEL / FIRST / COMPL. / 24 HR.	
CASING HAMMER	WEIGHT	DROP		FOREMAN	
SAMPLER					
SAMPLER HAMMER	WEIGHT	DROP		INSPECTOR	

SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in/.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
Brn-gy f-m sand tr silt tr cinders. tr	1			10"		13:25
Brn-gy f-m sand tr. silt tr cinders. tr	2					
3" Cinders	3			18"		
Brn-gy f-m sand tr silt	4					
2" Crushed asphalt + concrete. tr	5			8"		
Blk-brn f-m sand to silt tr f. gravel tr cinders tr	6					
	7			12"		
Blk fc sand tr. silt trf. gravel tr coarse to cinders tr metal tr glass tr asphalt wood	8					
	9			22"		
	10			1		
Mottled Blk-brn-gy fc sand to f. gravel glass ceramic cinders glass metal.	11			16"		
	12					14:00
	13					

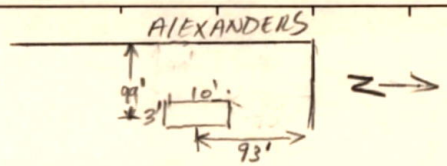
080983

JOB NO. 1226201

LOG OF TEST PIT NO. TPL-1

DATE 5/20/94 SURFACE ELEV. _____ LOCATION Alexanders Queens, NY

DEPTH, FEET	SAMPLES	DESCRIPTION
0		3/4" GRAVEL
		BRN-TAN f-m SAND + SILT, tr. f-m gravel tr. C. sand (FILL)
		BLK silt SIZE MATERIAL
5		GRY-brn f-m SAND, some f. gravel tr. silt, tr. Clay. tr. debris (glass, metal, wood, concrete, brick) (FILL)
10		
15		



Environmental Sample taken 3-4'

Jarred soil for several minutes = 0.6-0.8 ppm HNu

odor present

Excavated small boiler 2' diameter 3-4' long

Environmental Sample @ 10-12' 0.6ppm HNu

TCLP sample taken from stockpiled material

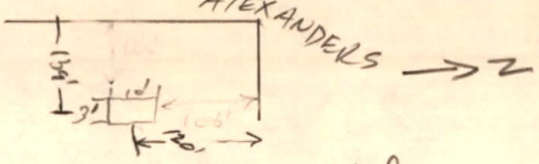
REMARKS _____

JOB NO. 1226201

LOG OF TEST PIT NO. TPL-2

DATE 5/20/94 SURFACE ELEV. _____ LOCATION Alexanders

DEPTH, FEET	SAMPLES	DESCRIPTION
0		3/4" GRAVEL
		Brn-tan f-m SAND + SILT, tr. f-m gravel tr. C. Sand (FILL)
5		Gry-brn f-m SAND, some f. gravel, tr. silt, tr. clay tr. debris (glass, metal, wood, concrete, brick) (FILL)
10		
15		



0 ppm HNu

odor present

Jarred soil for several minutes = 0.1-0.3ppm HNu

Environmental sample @ 10-12'

TCLP sample taken from stockpiled material

REMARKS _____

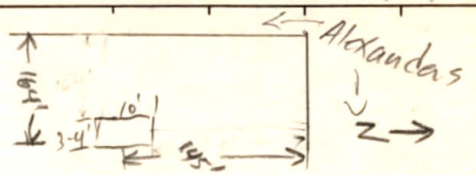
FIG.

LANGAN ENGINEERING ASSOCIATES

JOB NO. 122601

LOG OF TEST PIT NO. TPL-3

DATE 5/20/94 SURFACE ELEV. _____ LOCATION Alexanders Queens, NY



DEPTH, FEET	SAMPLES	DESCRIPTION
0		3/4" GRAVEL
		Brn-tan f-m SAND + SILT tr. f. gravel tr. c. Sand (FILL)
5		Gry-brn f-m SAND, some f. gravel, tr. silt, tr. clay, tr. debris (glass, metal wood, concrete bricks.)
10		
15		

0ppm HNu
odor present

Jarred soil for several minutes = 0.1-0.5ppm HNu.

▼ Environmental Sample taken 0-12'
TCLP sample taken from stockpiled material.

REMARKS _____

JOB NO. _____

LOG OF TEST PIT NO.

DATE _____ SURFACE ELEV. _____ LOCATION _____

DEPTH, FEET	SAMPLES	DESCRIPTION
0		
5		
10		
15		

REMARKS _____

FIG.

LANGAN ENGINEERING ASSOCIATES

Rego Park Expansion

Rego Park, Queens, New York

PHASE I ENVIRONMENTAL SITE ASSESSMENT

AKRF Project Number 10329



Prepared for:
Vornado Realty Trust
888 Seventh Avenue
New York, New York 10038

Prepared by:
AKRF,Inc.
116 East 27th Street
New York, NY 10016

April 30, 2003

EXECUTIVE SUMMARY

AKRF, Inc. was retained by the Vornado Realty Trust to perform a Phase I Environmental Site Assessment (ESA) of properties located in Rego Park, New York (Please see Figure 1 for a map of the area). The subject lots are surrounded by commercial and residential areas of Rego Park. The subject properties consisted of a car parking lot and a commercial truck parking lot located at Junction Boulevard and the Horace Harding Expressway.

This assessment was performed in accordance with customary principles and practices in the environmental consulting industry, and in conformance with the scope and limitations of ASTM Standard E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. Any exceptions to, or deletions from, this practice are described in Section 6.0 of this report. This assessment has revealed the following conclusions in connection with the subject site:

X A previous investigation at the subject site indicated elevated concentrations of lead using the Toxicity Characteristic Leaching Procedure (TCLP) lead and total petroleum hydrocarbons (TPH) in the subsurface soil. The contamination was determined to be concentrated in the urban fill layer since the underlying native soils were not significantly impacted. The impacted soil may require special handling during redevelopment of the property, including the sampling and off-site disposal of soil exceeding the hazardous waste criteria.

X A single story concrete block structure was present in the commercial truck parking lot. The structure was not being used at the time of the site visit. The interior of the structure was littered with trash, junk and miscellaneous construction debris, and the floor was significantly stained with oil. The structure appeared to have been used as a maintenance garage and the former bay doors appeared to have been permanently closed with concrete block. An area along the outside western wall of the structure appeared to be designated as a currently active vehicle maintenance area for the commercial truck parking lot. Small containers of oils, lubricants and other vehicle maintenance solvents were stored along the building wall and underneath the parked trucks. Significant oil staining was observed on the asphalt in this area. The asphalt and concrete floor of the auto shop were cracked in several places. Floor drains and former hydraulic lifts typically associated with auto maintenance facilities may have been present at the concrete block structure. Petroleum products and solvents stored during current and former maintenance activities in these areas have the potential to have migrated into the subsurface.

X The historic Sanborn fire insurance maps identified the concrete block structure at the commercial truck parking lot property as an auto repair shop in 1995 and a filling station in 1950. Such operations typically store petroleum and solvents in bulk containers. Historic underground storage tanks (USTs) and aboveground storage tanks (ASTs) may have been present on this property, which have the potential to adversely impact the subsurface.

X Based on the Sanborn fire insurance maps, all subject properties have operated as parking lots since at least 1981. The asphalt paving on the subject parking lots were observed to be cracked and oil-stained in many areas, particularly on the commercial truck parking lot. Incidental oil dripping from parked vehicles on the lot over the years has the potential to have migrated into the subsurface.

X A previous UST removal project performed on the property south-adjacent to the Central Parking System site identified a limited petroleum leak from a 550-gallon UST. It is not known if the remedial actions recommended in the Underground Storage Tank Removal Report were performed. Based on the close proximity of the identified contamination, there is the potential for petroleum impacted groundwater to migrate to the subject site.

X According to the Sanborn fire insurance maps, a New York City sewage disposal plant was present in the west-adjacent area from at least 1914 to 1950, on the western portion on Tax Block 2077 where Lost Battalion Park is located. A number of gasoline tanks were also identified in the north and west-adjacent properties on the 1950 Sanborn map. Based on their close proximity, contamination from the gasoline tanks and the sewage plant have the potential to have migrated to the subject site, particularly to the western site areas.

Based on the conclusions of this Phase I assessment, AKRF recommends the completion of a Phase II subsurface investigation to address the following areas of concern:

X Based on the TPH and lead contamination identified during previous investigations at the parking lot portions of the subject properties, sampling for soil disposal classification to address soil management issues during redevelopment of the site should be completed. Incidental oil dripping from parked vehicles over the years may have impacted shallow soils throughout all subject properties.

X Potential impacts may be present at the commercial truck parking lot as a result of current and former maintenance activities and the historic filling station at the concrete block structure and outside areas. Underground and aboveground petroleum tanks, floor drains, and historic hydraulic lifts may have been present which could have adversely impacted the subsurface.

X Potential impacts may have migrated to the subject properties from off-site sources including the former sewage disposal plant operations on Tax Block 2077 (on the western portion of Lost Battalion Park), former gasoline tanks and filling stations (formerly along Horace Harding Expressway) north adjacent to the commercial truck parking lot, and USTs removed from the block south-adjacent to the Central Parking System property.

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FIGURES

Figure 1 Project Site Location
Figure 2 Project Site Plan

APPENDICES

Appendix A Photographic Documentation
Appendix B Historical Sanborn Maps
Appendix C Regulatory Records Review

1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by Vornado Realty Trust to perform a Phase I Environmental Site Assessment (ESA) of a site located in Rego Park, Queens, New York (please see Figure 1 for a map of the area). The subject site is located in a commercial and residential area.

The scope of services for this assessment included the following:

- X Visual observations of the project site and surrounding property were made to identify potential sources or indications of chemical contamination. The potential sources of contamination included, but were not limited to, underground storage tanks (USTs), aboveground storage tanks (ASTs), objects that could potentially contain polychlorinated biphenyls (PCBs), and areas where hazardous materials were used, stored, treated, generated and/or disposed. Indications of chemical contamination include stained surfaces and chemical odors.
- X In addition, readily observable portions of the properties immediately adjacent to the site were viewed from public rights-of-way to identify or determine the likelihood of any of the aforementioned potential sources of contamination.
- X Published geological and groundwater information was obtained from available sources to determine the possibility of contamination from off-site sources.
- X A review of radon concentrations in Queens County was conducted to determine if radon levels in the general area complied with United States Environmental Protection Agency (US EPA) guidelines.
- X Historical land-use atlases for the site and adjacent properties were reviewed to evaluate previous land use.
- X The following federal regulatory databases were reviewed to determine the regulatory status of the site, adjacent properties, and properties within a predetermined study area: National Priority List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); and the US EPA Civil Enforcement Docket. The federal listing of facilities that are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.
- X The following state regulatory databases were reviewed to determine the regulatory status of the site, adjacent properties, and properties within a predetermined study area: the listings of hazardous material spills (SPILLS), Resource Conservation and Recovery Act Notifiers (RCRA), Chemical Bulk Storage (CBS), Solid Waste Facilities (SWF), Petroleum Bulk Storage (PBS), State Inactive Hazardous Waste Disposal Sites (SHWS), Major Oil Storage Facilities (MOSF), and Air Discharge Facilities (ADF).
- X Review of two reports provided to AKRF regarding previous investigations performed at the subject site or surrounding area. The two reports reviewed were entitled *Evaluation of Existing Parking Lot Fill*, dated September 7, 1994 and *Underground Storage Tank Removal Report*, dated June 8, 1994.

2.0 PHYSICAL SITE DESCRIPTION

Visual inspection of the subject site and adjacent areas was performed on November 1, 2002 by Axel Schwendt of AKRF. The inspection was conducted at 8:00 AM. At the time of the inspection, the weather was clear and sunny, the visibility was good, and the premises were adequately illuminated. The project consisted of two parking lots in Rego Park, Borough of Queens, New York. The site was inspected for the presence of stained surfaces and soils, stressed vegetation, storage tanks, drums, leaking pipes, transformers, or any other evidence of hazardous material usage and storage on-site. Photographs documenting the site inspection are included in Appendix A.

2.1. General Site Conditions

The subject site consisted of the a car parking lot and a commercial truck parking lot, which are described in detail in the section below. A site plan detailing the subject areas is presented as Figure 2.

Car Parking Lot

A portion of the project site consisted of an approximately 35,000 square foot car parking lot located on the southern side of Junction Boulevard, between 62nd Drive and the Horace Harding Expressway. It is located on Tax Block 2077**,** a portion of Lot 98. A single entrance to the parking lot was located along Junction Boulevard and the property was enclosed by a chain link fence. The parking lot was paved with asphalt, which appeared to be significantly cracked in several areas. Access to the car parking lot is provided through a card reading machine at the entrance.

Commercial Truck Parking Lot

A portion of the project site consisted of an approximately 120,000 square foot commercial truck parking lot located on the southwestern corner of Junction Boulevard and the Horace Harding Expressway. It is located on Tax Block 2076, Lot 50 and Tax Block 2077, a portion of Lot 98. A single entrance was located along the Horace Harding Expressway, which was monitored by a guard house. The parking lot was enclosed by a chain link fence. The lot was paved with asphalt, which appeared to be moderately cracked throughout with significant oil staining in several areas. Trash and debris was littered throughout the property, in particular at the corner of the Horace Harding Expressway and 93rd Street.

A single story concrete block structure was present along the northern property boundary. The structure was not being used at the time of the site visit. The interior of the structure was littered with trash, junk and miscellaneous construction debris, and the floor was significantly stained with oil. The concrete floor was observed to be in fair condition with several cracks. The structure appeared to have been used as a vehicle maintenance garage and what appeared to have been former bay doors were permanently closed with concrete block. HVAC heaters were observed hanging from the corner ceiling areas but were not operating. No hydraulic lifts or floor drains were observed in the structure. However, the presence of the miscellaneous litter and debris in the structure prevented a complete and thorough assessment of the floor to inspect for evidence of floor drains or former hydraulic lifts.

An office trailer was located adjacent to the structure, which was used to manage commercial operations at the parking lot. An area along the outside western wall of the concrete block structure appeared to be designated as a vehicle maintenance area. Two trucks, apparently under repair, were present in this area. Small containers of oils, lubricants and other vehicle maintenance solvents were

stored along the building wall and underneath the parked trucks. Significant oil staining was observed on the asphalt in this area.

2.2. Topography and Hydrogeology

The surficial geology in the Queens area is composed of Wisconsin-aged glacial till deposits of boulders, sand, silt and clay, which constitutes the upper glacial aquifer. The glacial till formation rests unconformably on the Gardiners Clay (interglacial), which rests on the Jameco Gravel (pre-Wisconsin-aged glacial event). Beneath the Jameco Gravel, the stratigraphy comprises the Upper Cretaceous Magothy Formation and Matawan Group, known as the Magothy Aquifer. The depth to crystalline bedrock in the area ranges from 200 to 500 feet below grade and is Precambrian in age.

The majority of the surface topography at the subject properties appeared level, however, the general surrounding area slopes downward to the north-northwest. The property is situated at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level), according to the U.S. Geological Survey Jamaica Quadrangle topographic map. The depth to groundwater is anticipated at estimated at approximately 10 to 15 feet below surface grade. Groundwater most likely flows in an easterly direction towards the Meadow Lake, located approximately 1 mile of the project site. However, actual groundwater flow at the site can be affected by many factors, including past filling activities, underground utilities and other subsurface openings or obstructions such as basements, bedrock geology, and other factors beyond the scope of this study.

2.3. Storage Tanks

2.3.1. Underground Storage Tanks (USTs)

During the site inspection, there was no evidence, such as vent pipes or fill caps, which would indicate past or present underground storage tanks in any of the subject buildings. However, historical Sanborn fire insurance maps (discussed in Section 4.1.1) indicate that the concrete block structure on the commercial truck parking lot property was an auto maintenance shop in 1995 and a filling station in 1950. Such operations typically store petroleum and solvents in bulk containers. Historic USTs may have been present on this property.

Off-site USTs are discussed in Sections 4.2.2.

2.3.2. Aboveground Storage Tanks (ASTs)

No aboveground storage tanks were observed at the subject properties. However, historical Sanborn fire insurance maps (discussed further in Section 4.1.1) indicated that the concrete block structure on the commercial parking lot property was an auto maintenance shop in 1995 and a filling station in 1950. Such operations commonly store petroleum and solvents in bulk containers. Historic petroleum ASTs may have been present at this property. There was significant oil staining observed on the concrete floor of the structure and on the surrounding outside asphalt. The floors and asphalt were in fair condition with some cracks.

2.4. Polychlorinated Biphenyls (PCBs)

Prior to 1979, PCBs were widely used for their cooling properties in electrical equipment such as transformers, capacitors, switches, and voltage regulators. Hydraulic oil in mechanical equipment has also been known to historically contain PCBs. No known transformers are currently located on-site. No other potential PCB-containing equipment was observed during the site visit or is expected to have been historically present at the subject properties.

2.5. Asbestos-Containing Materials (ACMs)

Asbestos is a generic name assigned to a group of naturally occurring minerals exhibiting high tensile strength and possessing excellent fire resistance and insulating properties. These minerals include chrysotile, amosite, crocidolite, actinolite, tremolite and anthophyllite. Asbestos is commonly found as a component of building materials including: Thermal System Insulation (TSI), spray applied fireproofing, spray or trowel applied surfacing materials, vinyl asbestos floor tiles and sheeting, plaster, sheetrock, ceiling tiles, fire door fill, roofing materials, thermal gaskets and a range of other products. Building materials that contain greater than one percent asbestos are considered to be Asbestos-Containing Materials (ACM).

During the site visit by AKRF, no potential ACMs were observed at the subject properties.

2.6. Lead-Based Paint

Nationally, lead-based paint use was greatly restricted by the Consumer Products Safety Commission in 1977. Lead-based paint is potentially hazardous when in a deteriorating condition (i.e., chipped, broken, crumbling, pulverized); lead is potentially harmful to humans, particularly children, if ingested, inhaled, or otherwise absorbed.

No potential lead-based paints were observed at the subject properties.

2.7. Utilities

Con Edison provides electricity to the subject properties. There was no observed water or sewage service provided to the subject properties.

2.8. Waste Management and Chemical Handling

At the time of the site visit, there was no significant waste being generated at the subject properties except regular trash and refuse that may be generated in the commercial truck parking lot office trailer. However, small amounts of used oil may be generated as part of vehicle maintenance activities performed at the commercial truck parking lot and petroleum wastes may have potentially been generated from maintenance activities inside the auto shop structure. No obvious used oil storage areas were observed at the site; however, small containers observed in the presumed maintenance area at the site may be storing used oil or other wastes generated during current maintenance activities. Significant oil staining inside the concrete block structure suggest the former use and storage of petroleum products, solvents, maintenance chemicals, and/or associated wastes.

2.9. Radon

Radon is a colorless, odorless gas produced by the radioactive decay of certain elements. The most common sources of radon are igneous and metamorphic rocks containing uranium (such as pitchblende), granite, shale, or phosphate, as well as soils or sediments derived from these parent materials. Radon may also be found in soils contaminated with certain industrial wastes (such as uranium or phosphate mine tailings) or in earth-derived building products that include industrial wastes that contain phosphate slag. In areas where the potential for radon accumulation is high, special ventilation systems may offset potential health hazards.

According to data compiled by the Bureau of Radiation Protection, a division of the New York State Department of Health, the average basement radon concentration in Queens is 1.2 picocuries/liter. The US EPA recommended action level is 4.0 picocuries/liter.

3.0 ADJACENT LAND USE

The subject property is located in a mixed-use commercial and residential area of Rego Park, Queens, New York. The Central Parking System, a monthly commercial parking lot, is located east-adjacent to the subject site. Areas north and west of the subject property are predominantly residential in nature. South-adjacent properties include the Lost Battalion Park, the Queens Community Recreation Center, an AT&T central office building, a residential and office building, a parking garage with a car wash, and a Burger King restaurant. Areas further south and east of the site are predominantly commercial in nature.

4.0 SITE HISTORY AND RECORDS REVIEW

4.1. Prior Ownership and Usage

4.1.1. Historical Land-Use Maps

Historical insurance maps were reviewed for indications of industrial usage or other evidence suggesting the use or disposal of hazardous materials on or adjacent to the subject property. Sanborn Fire Insurance maps from 1914, 1931, 1950, 1981, 1989, and 1995 were reviewed. Copies of portions of these maps are included in Appendix B. Summaries of each map are as follows:

1914

The subject property and surrounding area were mostly vacant. However, immediately south of the subject site, on the western portion of Tax Block 2077, was a New York City Sewer Disposal Works facility, on the north side of Queens Boulevard. A creek is shown to have run across the subject site in an east-west orientation. A few residential dwellings were present in the surrounding areas.

1931

The subject property was still vacant and the creek was still present crossing the property. The sewage disposal plant was still present and is shown to be located on the western portion of Tax Block 2077. A portion of the sewage plant was converted into a garage labeled as a “fire proof construction” facility, which was indicated as having a gasoline storage tank. A few residential and commercial dwellings were located in the surrounding area.

1950

The subject property and surrounding areas appeared as they did in the 1931 map. However, a filling station was identified where the concrete block structure is currently located on the commercial truck parking lot property. An additional gasoline tank was present at the garage next to the sewage plant. A filling station with seven gasoline storage tanks, an auto laundry facility, and a property with four gasoline tanks were located along Queens Boulevard, west-adjacent to the commercial truck parking lot. Four filling stations and a garage with a total of eleven gasoline storage tanks were present along the north side of Horace Harding Boulevard, between Junction and Queens Boulevards, north adjacent to the commercial truck parking lot property.

1981-1989

The entire subject property was identified as parking areas. The filling station identified on the 1950 map on the commercial truck parking lot was no longer present. The east-adjacent Central Parking System property is shown as a parking lot. Horace Harding Boulevard was converted into an expressway and all the filling stations and gasoline tanks in the north-adjacent areas were removed. The sewage plant was converted into a Community Recreation Center and the adjacent garage was no longer present. A filling station, the auto laundry facility, a parking garage, and a few commercial dwellings were present west-adjacent to the commercial truck parking lot. The Park Plaza Apartments were present east of the Central Parking System lot as they appear today.

1995

An auto repair shop was present on the commercial truck parking lot where the current concrete block structure is located, which had been identified as a filling station on the 1950s map. The rest of the subject property and surrounding areas appeared the same as on the 1989 map.

To summarize, the Sanborn maps indicate that the subject property areas were developed sometime between 1950 and 1981 and have since been used as parking lots. A filling station was identified on the 1950 Sanborn map on the commercial truck parking lot where the concrete block structure is currently located. A New York City sewage disposal plant was present in the western portion of Tax Block 2077 from at least 1914 to 1950. Many gasoline tanks were identified on the 1950 map in the north and west-adjacent areas from the commercial truck parking lot. There is a potential for the presence of adverse environmental impact to the subject site from the historic on-site auto repair shop/filling station, the historic filling stations, the gasoline tank properties, and the sewage plant.

4.1.2. Historical Aerial Photographs

Complete and thorough coverage was available for the subject property utilizing historical land-use maps. The maps typically include detailed information such as dates of construction, building occupants or a vacant status, and use and/or zoning use

of structures on the site and surrounding area. Aerial photographs would most likely not provide additional, unique information that is pertinent to the environmental condition of the property. As such, aerial photographs were not reviewed for the project site.

4.2. Regulatory Review

Toxics Targeting, Inc. of Ithaca, New York, was contracted to obtain information regarding the regulatory status of the property and the surrounding area. This information included records from databases maintained by the US EPA and New York State Department of Environmental Conservation (NYS DEC). AKRF reviewed these records to identify the use, generation, storage, treatment and/or disposal of hazardous materials and chemicals, or releases of such materials that may impact the project site. Copies of the pertinent sections of the Toxics Targeting, Inc., report are included in Appendix C.

4.2.1. Federal

The federal records reviewed included the National Priority List (NPL) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); Emergency Response Notification System (ERNS); Toxic Chemical Release Inventory System (TRIS); the Permit Compliance System of Toxic Wastewater Discharges (WWD); and the US EPA Civil Enforcement Docket. The federal listing of facilities which are subject to corrective action under the Resource Conservation and Recovery Act (CORRACTS) is discussed with the State databases of RCRA listings.

National Priority List (NPL)

The NPL is the US EPA's database of some of the most serious uncontrolled or abandoned hazardous waste sites identified for probable remedial action under the Superfund Program. These sites may constitute an immediate threat to human health and the environment. Due to the amount of public attention focused on NPL sites, they pose a significant risk of stigmatizing surrounding properties and potentially impacting property values.

No NPL sites were identified within a one-mile radius of the project site.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS is a compilation of known or suspected, uncontrolled or abandoned hazardous waste sites which the US EPA has investigated, or plans to investigate, for a release or threatened release of hazardous substances pursuant to the Superfund Act of 1980 (CERCLA). Some of these sites may constitute a potential threat to human health and the environment. While it has been determined by the US EPA that some CERCLIS sites require no action, others could pose a real or perceived environmental threat to neighboring properties, thus impacting property values.

One CERCLIS site was identified within a one-mile radius of the project site, approximately ¾ mile to the northwest. The site was listed as a NFRAP (No Further

Remedial Activity Planned) by the State Registry and is not expected to have impacted the subject properties.

Emergency Response Notification System (ERNS)

This federal database compiled by the Emergency Response Notification System records and stores information on reported releases of petroleum and other potentially hazardous substances.

None of the subject properties were currently listed as ERNS sites.

Toxic Chemical Release Inventory System (TRIS)

The TRIS contains information reported to the US EPA and/or NYS DEC by a variety of industries on their annual estimated releases of certain chemicals to the environment. The TRIS was mandated by Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986. Available information includes the maximum amount of chemicals stored on-site; the estimated quantity emitted into the air, discharged into bodies of water, injected underground, or released to land; methods used in waste treatment and their efficiency; and data on the transfer of chemicals off-site.

No TRIS sites were identified within a one-quarter mile radius of the project site.

Permit Compliance System of Toxic Wastewater Discharges (WWD)

This federal- and state-maintained database contains a listing of sites which discharge wastewater containing potentially hazardous chemicals.

No WWD facilities were reported within a one-quarter mile radius of the project site.

United States Environmental Protection Agency Civil Enforcement Docket

This database is the US EPA's system for tracking civil judiciary cases filed on behalf of the agency by the Department of Justice.

No facilities are listed in the US EPA's Civil Enforcement Docket within a one-quarter mile radius of the project site.

4.2.2. State

The state records reviewed included the listings of hazardous material spills (SPILLS), Resource Conservation and Recovery Act Notifiers (RCRA), Chemical Bulk Storage (CBS), Solid Waste Facilities (SWF), Petroleum Bulk Storage (PBS), State Inactive Hazardous Waste Disposal Sites (SHWS), Major Oil Storage Facilities (MOSF), and Air Discharge Facilities (ADF).

New York SPILLS Database

The New York SPILLS database includes a list of releases reported to the NYS DEC, including those attributed to tank test failures and tank failures. The tank test failures list only covers tanks that are below ground, while the tank failures list includes tanks that are either below or above ground. This database also lists spills that occur during the transportation of chemicals.

One-hundred and six releases were reported within a one-half mile radius of the subject property, six of which were within one-eighth of a mile. Most of these listings consisted of tank overfills, leaking underground storage tanks, tank test or tank failures, and small-quantity spills. Six spills in the vicinity of the subject site are listed below:

- The Consolidated Edison Vault No. 1854, located at the intersection of 97th Street and Horace Harding Expressway, was listed in 1999 for a one gallon spill of dielectric fluid. The NYSDEC investigated the incident and the status of the spill has since been closed.
- A traffic accident at the intersection of the Long Island Expressway and Junction Boulevard caused a 30 gallon spill of diesel fuel in April 1999. The diesel fuel was contained and cleaned, and the spill has since received a closed status.
- A traffic accident involving a dump truck at the intersection of the Long Island Expressway and Junction Boulevard caused a 50 gallon spill of diesel fuel in September 2001. No further information was provided about the spill and the spill status is listed as active.
- An accumulation of No. 2 fuel oil in a fill box at the AT&T facility at 94-03 Queens Boulevard was reported on August 7, 1996. The accumulation of oil occurred as a result of overfilling the fuel oil tank over the years. The oil was reportedly cleaned up.
- An active status spill from a faulty transformer leaked dielectric oil onto dirt at the intersection of 62nd Avenue and Queens Boulevard. A total of five gallons was reported spilled on September 20, 1999. Corrective action was reportedly taken.
- A spill was reported at the intersection of 62nd Road and Queens Boulevard on June 20, 2001. A vehicle leaked oil into a grate of a below grade substation. At the same location, one gallon of dielectric oil was reportedly found leaking from a transformer on September 25, 1998. Corrective action was reportedly taken for both spills.

Based on the information provided in regulatory database, these spills are not likely to have adversely impacted the subject property.

Resource Conservation and Recovery Act (RCRA) Notifiers Listings

The NYS DEC's Bureau of Hazardous Waste Facility Compliance regulates hazardous waste from the point of generation to the point of disposal. The identified sites tracked on this list are those that have filed notification forms in accordance with the Resource Conservation and Recovery Act requirements regarding their hazardous waste activity. These sites include treatment, storage and disposal facilities (TSDs); small-quantity and large-quantity generators; and transporters of hazardous waste regulated under RCRA. The discussion below includes the CORRACTS listings (if any) of facilities that are subject to corrective action under RCRA.

Thirty-three RCRA generators were listed within a one-quarter mile radius of the project site. Twelve of these listings were located within a one-eighth mile radius of the project site. Six RCRA sites in the vicinity of the subject site are summarized below:

- Three Consolidated Edison electrical vaults located at the intersection of the Long Island Expressway (or Horace Harding Expressway) were listed as hazardous waste generators. The wastes were generated in 1996 and 1997 and included PCB wastes and PCB-containing petroleum.
- An AT&T Communications facility at 94-03 Queens Boulevard, south-adjacent to Lost Battalion Park, was listed as a Small Quantity Generator (SQG) of hazardous waste. Approximately 470 gallons and 2,100 gallons of solid waste exhibiting corrosivity were reported in 1981 and 1995, respectively. Other wastes reported for this facility include lead, mercury, chromium, and spent halogenated solvents throughout the 1990's.
- The New York City Department of Environmental Protection (DEP) – Air Noise and Materials Lab, located at 96-05 Horace Harding Expressway, was reported as a generator of hazardous waste. The DEP lab was approximately 400 feet north of the subject site. Over forty different kinds of waste were generated at this site, which are listed in the database report presented in Appendix C.
- The Consolidated Edison vault, located at 97th Street and Horace Harding Expressway, is listed as having generated approximately 1,400 kilograms of PCB-containing oils in 1999. Another Consolidated Edison vault in the same area is reported to have generated approximately 900 kilograms of PCB-containing oils and waste in 2002. The vaults are north adjacent to the unused portion of the Central Parking System property.
- A Consolidated Edison vault located at the intersection of the Long Island Expressway and 97th Street is reported to have generated PCB-containing oils and wastes in 1996 and 1997. The vault is approximately 300 feet north of the subject site.
- A Consolidated Edison vault located at 62nd Drive and Queens Boulevard is reported to have generated approximately 3,100 kilograms of PCB-containing oils or liquids in 1999. The vault is located approximately 200 feet south of the subject site.

No violations were listed for these properties. Based on the information provided by the database search, these sites are not expected to have impacted the project site.

Chemical Bulk Storage (CBS) Database

The New York CBS is a list of facilities that store regulated non-petroleum substances in aboveground tanks with capacities greater than 185 gallons and/or in underground tanks of any size.

No CBS facilities were identified within a one-quarter mile radius of the subject site.

Solid Waste Facilities (SWF)

This database includes a listing of landfills, incinerators, transfer stations, recycling centers, and other sites that manage solid waste.

Two SWF sites were reported within a one-mile radius of the subject site as follows:

- A 1934 New York municipal waste disposal site was listed at the intersection of Junction Boulevard and 63rd Drive, approximately 950 feet south of the subject site. Approximately 437,000 cubic yards of waste were disposed there in 1934.
- A large waste transfer station was located at 50-50 98th Street, approximately 3,200 feet north of the subject site. The status of the facility was not reported in the database.

No waste is stored or disposed of at transfer stations; waste is mainly transferred from small garbage trucks to larger vehicles for transportation to a landfill, recycling center or incinerator. Based on the information provided by the database search, these facilities are unlikely to have affected the project site.

Petroleum Bulk Storage (PBS) Database

The New York State PBS lists commercial facilities with registered petroleum tanks located either above or below ground in excess of 1,100 gallons and less than 400,000 gallons.

Forty PBS listings were reported within one-quarter mile radius of the subject property. Three of these listings were located within a one-eighth mile radius of the subject site and are summarized in the table below:

Petroleum Bulk Storage Summary Table

Location	Capacity (gallons)	Product Stored	Status	Distance/Location from Project Site
AT&T Rego Park 94-03 Queens Boulevard	Four 25,000 USTs	Diesel	Two Closed-In-Place Two Active	South-adjacent property
Park Plaza 61-25 97th Street	20,000 UST	Fuel Oil	Active	150 feet to the east
LLS Leasing Corp #1 96-05 Horace Harding Blvd	20,000 UST 4,000 AST	Fuel Oil Fuel Oil	Closed-In-Place Active	200 feet to the north
Notes: AST=aboveground storage tank, UST=underground storage tank				

Releases from aboveground tanks would be expected to remain localized in the tank area rather than spread to surrounding properties. Details on all of these facilities are included in Appendix C.

State Inactive Hazardous Waste Disposal Site Registry (SHWS)

This database maintains information and aids decision-making regarding the investigation and clean up of hazardous sites. The Registry's information includes the

clean-up status, type of clean up, types and quantities of contaminants involved, and the assessment of health and environmental concerns.

No inactive hazardous waste sites were identified within a one-mile radius of the subject property.

Major Oil Storage Facilities (MOSF) Database

These facilities may be on-shore facilities or vessels, with petroleum storage capacities of 400,000 gallons or more.

No MOSFs were reported within a one-mile radius of the project site.

Air Discharge Facilities Index (ADF)

This listing of sites tracked by the New York State Regulatory Compliance Information System includes address information on each facility and the source of its associated air emissions.

Fourteen ADF listings were reported within a one-quarter mile radius of the subject property. One of these sites was adjacent to the subject site as summarized below:

- The Park Plaza Tenants, 150 feet to the east of the subject site, is listed as an ADF. No further information was provided about this site.

This facility is unlikely to have affected the project site.

4.3. Previous Investigations

AKRF was provided with information regarding previous environmental investigations of the subject properties and the surrounding area. This information included two reports entitled *Evaluation of Existing Parking Lot Fill* and *Underground Storage Tank Removal Report*, which are summarized below. AKRF reviewed these reports to identify the environmental conditions that may impact the project site.

Evaluation of Existing Parking Lot Fill, September 7, 1994

A subsurface investigation was performed by Langan Engineering and Environmental Services, Inc. (Langan) for portions of the subject site and adjacent areas. Specifically, the investigation was performed from June through August 1994 and included all three of the parking lots at the subject site as well an adjacent block south-adjacent to the Central Parking System lot, between 97th Street and Junction Boulevard. Soil samples were collected at various depths at the target properties to a maximum depth of 16 feet below grade. Soil samples were analyzed for total petroleum hydrocarbons (TPH) and Toxicity Characteristic Leaching Procedure (TCLP) lead. Most of the samples were collected from the adjacent property. However, 5 samples were collected from the subject parking lots.

The analytical results of the investigation indicated that TPH and lead contamination was identified in a random distribution on the properties investigated. The contamination was determined to be concentrated in the urban fill unit since the underlying native soils were not significantly impacted. Recommendations made by Langan in the report suggested stockpiling any soils excavated as part of development of the property and sampling the stockpiled soil for disposal classification. Suitable

protective measures were recommended for construction workers that would be exposed to the contaminated fill.

Underground Storage Tank Removal Report, June 8, 1994

A 4,000-gallon gasoline underground storage tank (UST) and four 550-gallon diesel fuel and gasoline USTs were removed from the property south-adjacent to the Central Parking System property. The USTs were removed from the southern end of the block along 63rd Road, between Junction Boulevard and 97th Street. The UST removals was performed by Certified Engineering and Testing Company, Inc. (Certified), on April 18 and 19, 1994.

During removal activities, visual petroleum contaminated soil and strong petroleum odors were identified in the excavation area of the four 550-gallon diesel/gasoline USTs. Petroleum impacted soils were removed from the excavation, sampled and stockpiled for off-site disposal. No obvious contamination was identified in the soils surrounding the 4,000-gallon gasoline UST. A total of seven post-excavation soil samples were collected during removal activities. The analytical results indicated that several semi-volatile organic compounds were detected in most of the soil samples. Based on the field observation, soil screening results, and the soil laboratory analytical data, Certified concluded that a limited release from the 550-gallon USTs had occurred on the property and that remaining contaminated soil should be removed. Certified also recommended that a post-remedial investigation be performed following soil removal activities.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our investigation, there appears to be a minimal potential for environmental impact at the subject properties. The following conclusions are noted by AKRF:

X A previous investigation at the subject site indicated elevated concentrations of lead using the Toxicity Characteristic Leaching Procedure (TCLP) lead and total petroleum hydrocarbons (TPH) in the subsurface soil. The contamination was determined to be concentrated in the urban fill layer since the underlying native soils were not significantly impacted. The impacted soil may require special handling during redevelopment of the property, including the sampling and off-site disposal of soil exceeding the hazardous waste criteria.

X A single story concrete block structure was present in the commercial truck parking lot. The structure was not being used at the time of the site visit. The interior of the structure was littered with trash, junk and miscellaneous construction debris, and the floor was significantly stained with oil. The structure appeared to have been used as a maintenance garage and the former bay doors appeared to have been permanently closed with concrete block. An area along the outside western wall of the structure appeared to be designated as a currently active vehicle maintenance area for the commercial truck parking lot. Small containers of oils, lubricants and other vehicle maintenance solvents were stored along the building wall and underneath the parked trucks. Significant oil staining was observed on the asphalt in this area. The asphalt and concrete floor of the auto shop were cracked in several places. Floor drains and former hydraulic lifts typically associated with auto maintenance facilities may have been present at the concrete block structure. Petroleum products and solvents stored during current and former maintenance activities in these areas have the potential to have migrated into the subsurface.

X The historic Sanborn fire insurance maps identified the concrete block structure at the commercial truck parking lot property as an auto repair shop in 1995 and a filling station in 1950. Such operations typically store petroleum and solvents in bulk containers. Historic underground storage tanks (USTs) and aboveground storage tanks (ASTs) may have been present on this property, which have the potential to adversely impact the subsurface.

X Based on the Sanborn fire insurance maps, all subject properties have operated as parking lots since at least 1981. The asphalt paving on the subject parking lots were observed to be cracked and oil-stained in many areas, particularly on the commercial truck parking lot. Incidental oil dripping from parked vehicles on the lot over the years has the potential to have migrated into the subsurface.

X A previous UST removal project performed on the property south-adjacent to the Central Parking System site identified a limited petroleum leak from a 550-gallon UST. It is not known if the remedial actions recommended in the Underground Storage Tank Removal Report were performed. Based on the close proximity of the identified contamination, there is the potential for petroleum impacted groundwater to migrate to the subject site.

X According to the Sanborn fire insurance maps, a New York City sewage disposal plant was present in the west-adjacent area from at least 1914 to 1950, on the western portion on Tax Block 2077 where Lost Battalion Park is located. A number of gasoline tanks were also identified in the north and west-adjacent properties on the 1950 Sanborn map. Based on their

close proximity, contamination from the gasoline tanks and the sewage plant have the potential to have migrated to the subject site, particularly to the western site areas.

Based on the conclusions of this Phase I assessment, AKRF recommends the completion of a Phase II subsurface investigation to address the following areas of concern:

X Based on the TPH and lead contamination identified during previous investigations at the parking lot portions of the subject properties, sampling for soil disposal classification to address soil management issues during redevelopment of the site should be completed. Incidental oil dripping from parked vehicles over the years may have impacted shallow soils throughout all subject properties.

X Potential impacts may be present at the commercial truck parking lot as a result of current and former maintenance activities and the historic filling station at the concrete block structure and outside areas. Underground and aboveground petroleum tanks, floor drains, and historic hydraulic lifts may have been present which could have adversely impacted the subsurface.

X Potential impacts may have migrated to the subject properties from off-site sources including the former sewage disposal plant operations on Tax Block 2077 (on the western portion of Lost Battalion Park), former gasoline tanks and filling stations (formerly along Horace Harding Expressway) north adjacent to the commercial truck parking lot, and USTs removed from the block south-adjacent to the Central Parking System property.

6.0 QUALIFICATIONS

The purpose of this assessment was to convey a professional opinion about the potential presence or absence of contamination, or possible sources of contamination on the property and to identify existing and/or potential environmental problems associated with the property.

The assessment was performed in accordance with customary principles and practices in the environmental consulting industry and in accordance with ASTM Standard E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice*. It is intended for use as a supplement to the property appraisal and is only to be used as a guide in determining the possible presence or absence of hazardous materials on the subject property at the time of the inspection. This assessment is based upon the review of readily available records relating to previous use of both the project site and the surrounding area, as well as a visual inspection of the current condition of the property. Environmental characteristics at this site and surrounding sites may be subject to change in the future.

This Phase I Assessment is not and should not be construed as, a guarantee, warranty, or certification of the presence or absence of hazardous substances, which can be made only with testing and contains no formal plans or recommendations to rectify or remediate the presence of any hazardous substances which may be subject to regulatory approval. This report is not a regulatory compliance audit.

This report is based on services performed by AKRF, Inc. professional staff and observation of the site and its surrounding area. We represent that observations made in this assessment are accurate to the best of our knowledge and that no findings or observations concerning the potential presence of hazardous substances have been withheld or amended. The research and inspections have been carried to a level that meets accepted industry and professional standards. Nevertheless, AKRF and the undersigned shall have no liability or obligation to any party other than Vornado Realty Trust and its successors or assignees and AKRF's obligations and liabilities to the above, their successors or assignees is limited to fraudulent statements made, or negligent or willful acts or omissions.

7.0 REFERENCES

1. Toxics Targeting, Ithaca, New York; *Junction Boulevard, Rego Park, NY 11374*; Regulatory Radius Search; August 16, 2002.

2. U.S. Geological Survey; *Jamaica Quadrangle—New York, New Jersey*; 7.5 Minute Series (Topographic); Scale 1:24,000; 1995.

3. Insurance Maps of the City of New York, Borough of Queens, published by the Sanborn Map Company, New York City; 1914, 1931, 1950, 1981, 1989, and 1995.

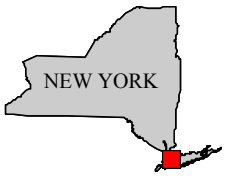
4. U. S. Geological Survey Open-File Report 81-1186; *Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York*; H. Buxton et. al.; 1981.

5. Langan Engineering and Environmental Services, Inc. Report; *Evaluation of Existing Parking Lot Fill, Former Alexander's Store, 9605 Queens Boulevard, Queens, New York*; September 7, 1994.

6. Certified Engineering and Testing Company, Inc. Report; *Underground Storage Tank Removal Report for Alexander's Store, 96-05 Queens Boulevard, Rego Park, NY*; June 8, 1994.

FIGURES





QUADRANGLE

SCALE IN FEET

0’ 100 2000’ 4000’

SCALE: 1”=2000’

N

SOURCE:

USGS TOPOGRAPHIC MAP - CENTRAL PARK, NY,N J
QUADRANGLE - DATED 1966, PHOTOREVISED 1979

REGO PARK EXPANSION
Rego Park, Queens, New York

PROJECT SITE LOCATION

AKRF, Inc.

Environmental Consultants
116 East 27 Street, New York, N.Y. 10016

DATE
11.07.02

PROJECT NO..
10329

FIGURE NO.
1

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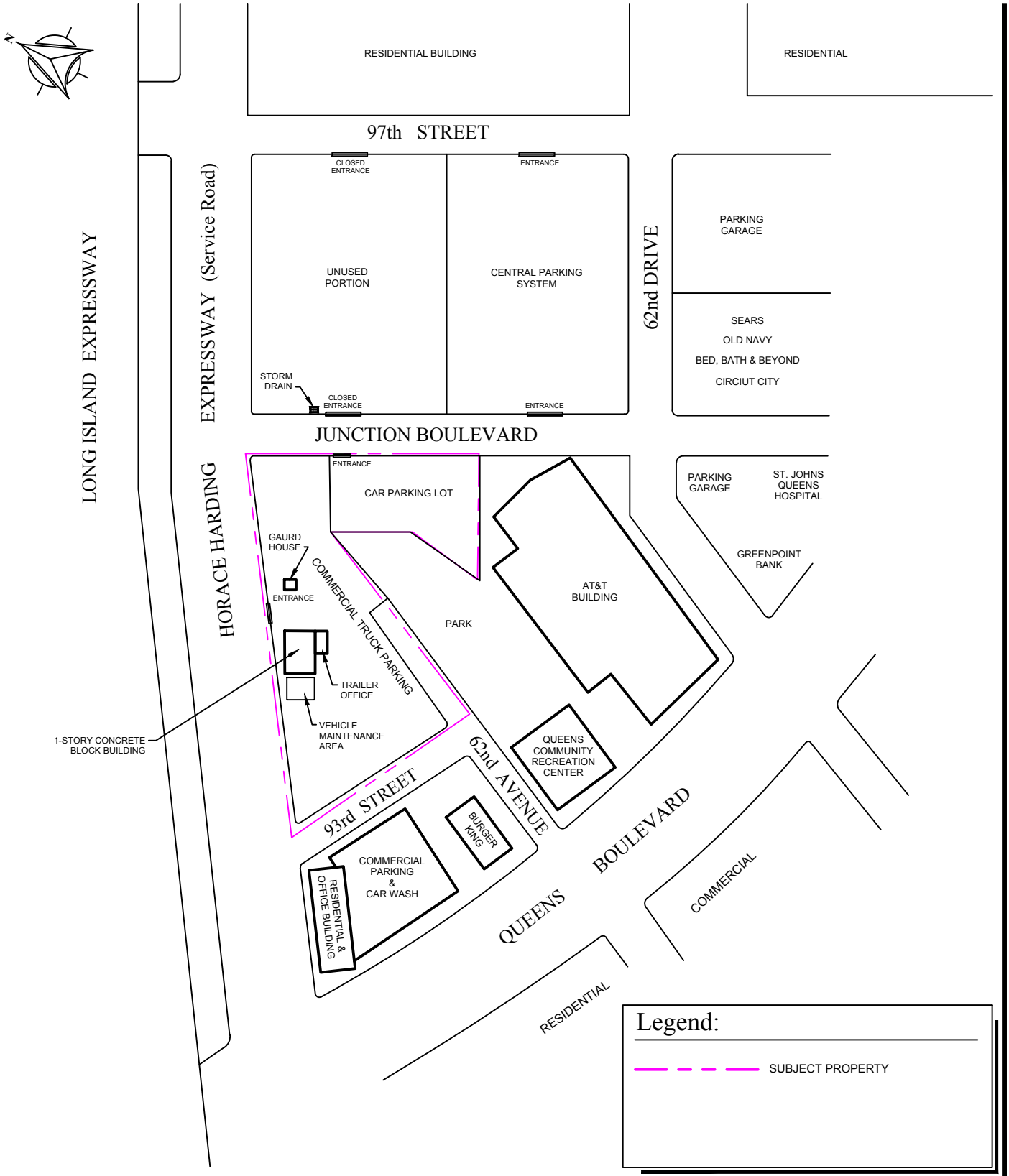


REGO PARK EXPANSION
Rego Park, Queens, New York

SITE PLAN

AKRF, Inc.

Environmental Consultants
116 East 27th Street, New York, N.Y. 10016

DATE
11.06.02

PROJECT No.
10329

FIGURE No.
2

2002 AKRF, Inc. Environmental Consultants Q:\AKRFDATA\10329-0209 REGO PARK EXPANSION\10329 F2_site plan

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph 1. Car parking lot entrance along Junction Boulevard.



Photograph 2. Cap parking lot area with view of AT&T building and municipal park in rear.



Photograph 3. Commercial Truck Parking lot looking east.



Photograph 4. Trash accumulated in northwest corner of Commercial Truck Parking lot.



Photograph 5. Concrete block structure in Commercial Truck Parking lot.



Photograph 6. Maintenance area along west wall of concrete block structure in Commercial Truck Parking lot.

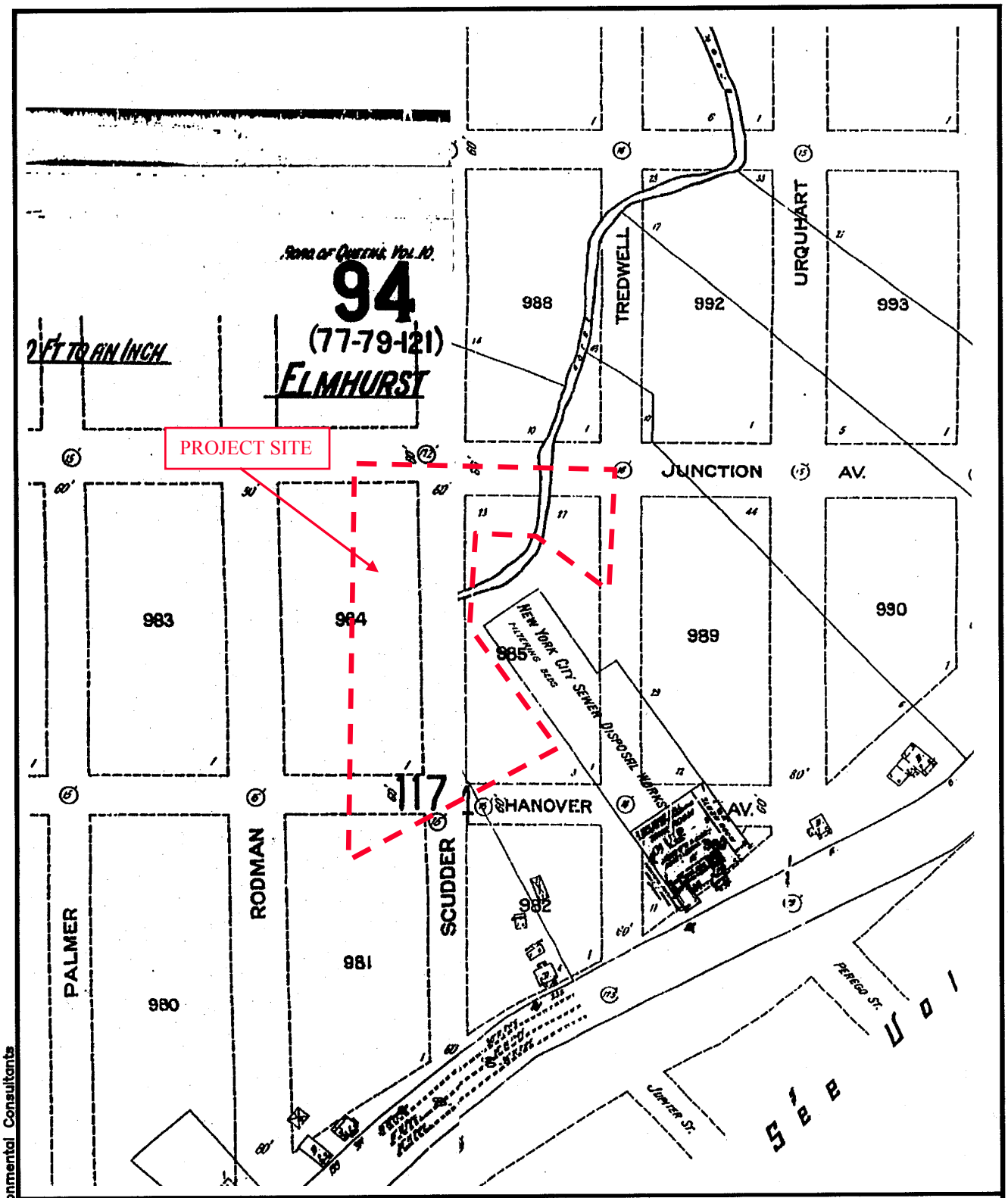


Photograph 7. Oil staining and cracks in asphalt pavement of Commercial Truck Parking lot.



Photograph 8. Commercial truck parking lot looking west.

APPENDIX B
HISTORICAL SANBORN MAPS



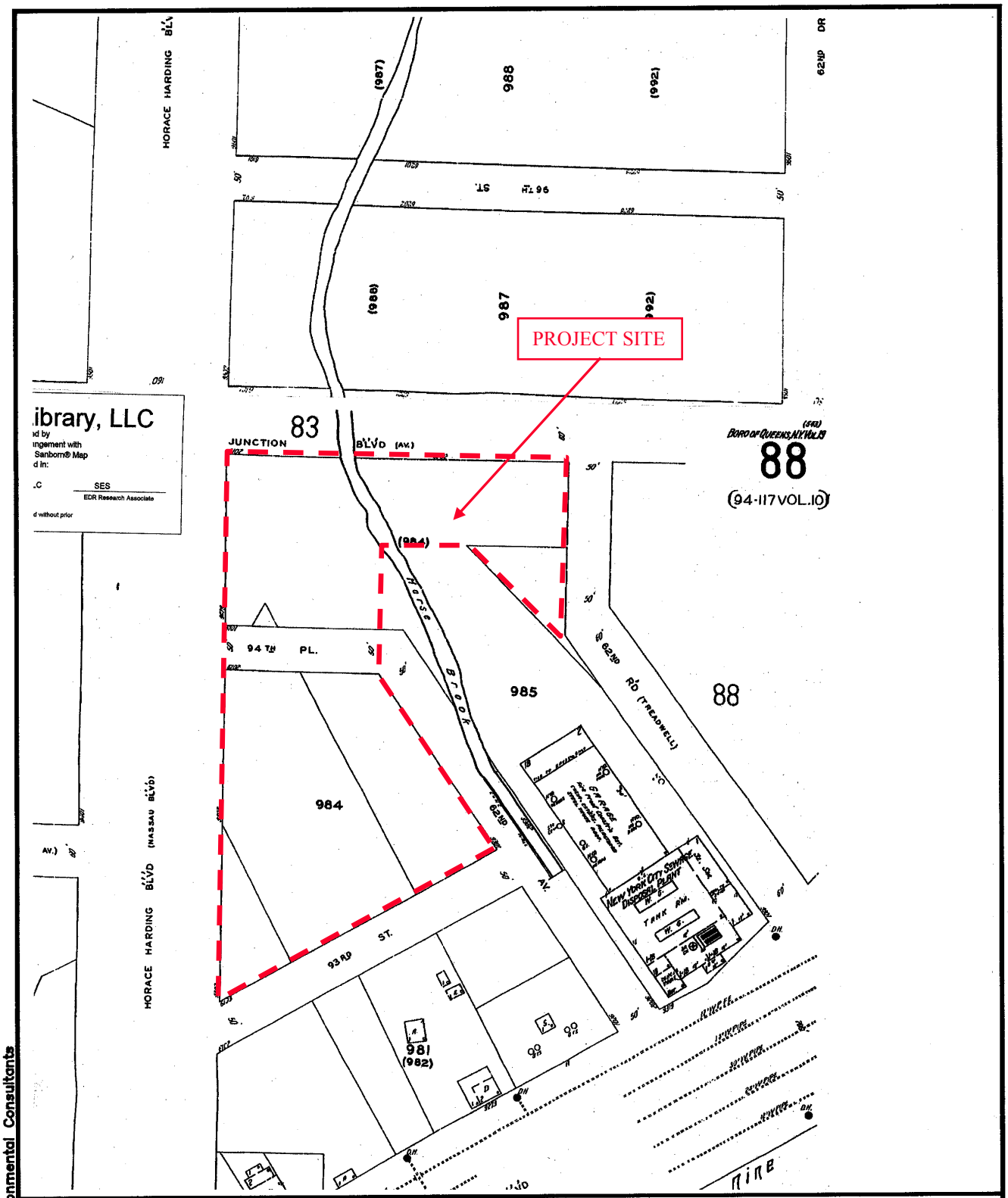
© 1996 AKRF, Inc. Environmental Consultants

Rego Park Expansion
Rego Park, New York

1914 Sanborn

AKRF, Inc.
Environmental Consultants
116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	



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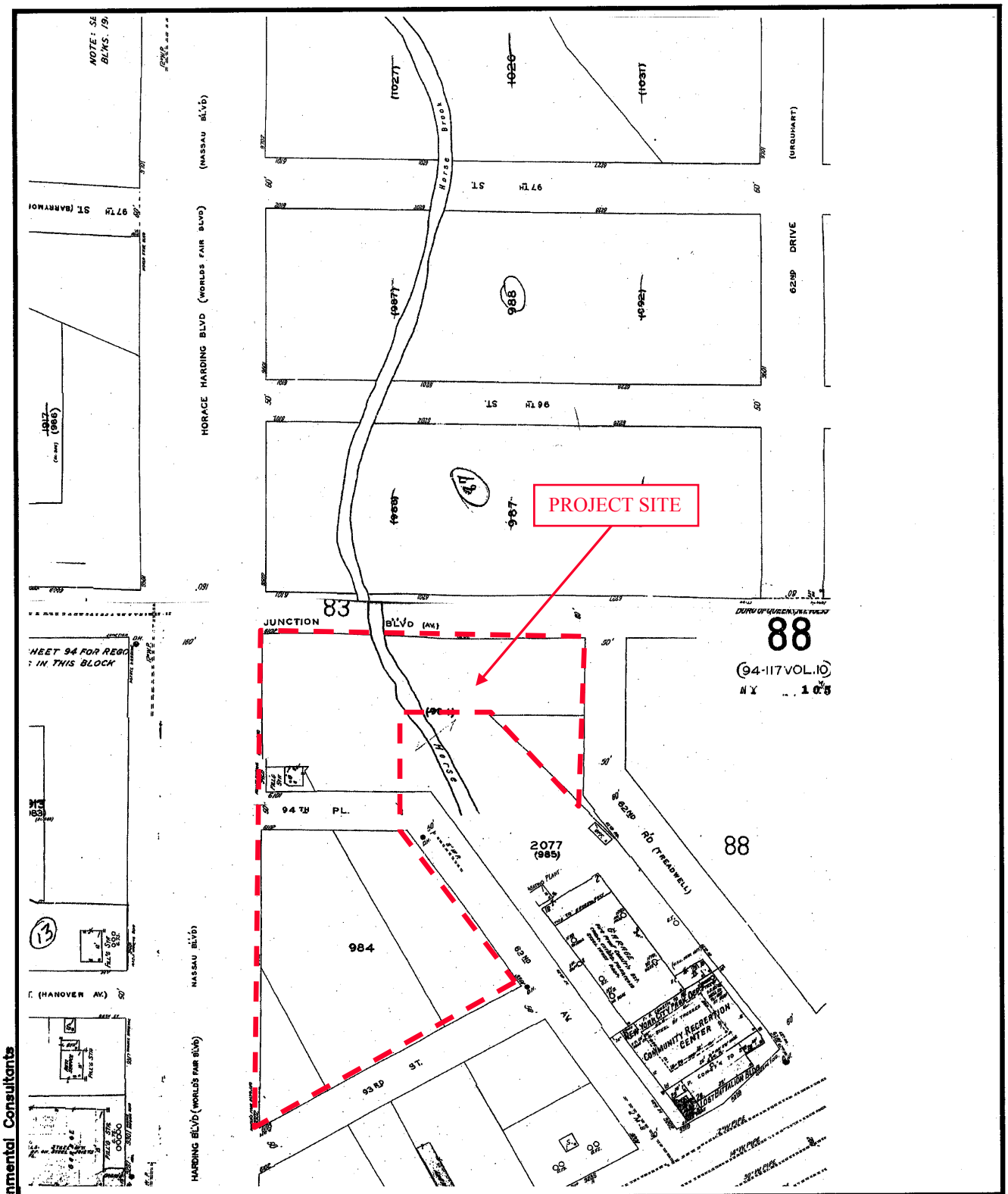
Rego Park Expansion
Rego Park, New York

1931 Sanborn

AKRF, Inc.
Environmental Consultants
116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	



Rego Park Expansion

Rego Park, New York

1950 Sanborn

AKRF, Inc.

Environmental Consultants

116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	

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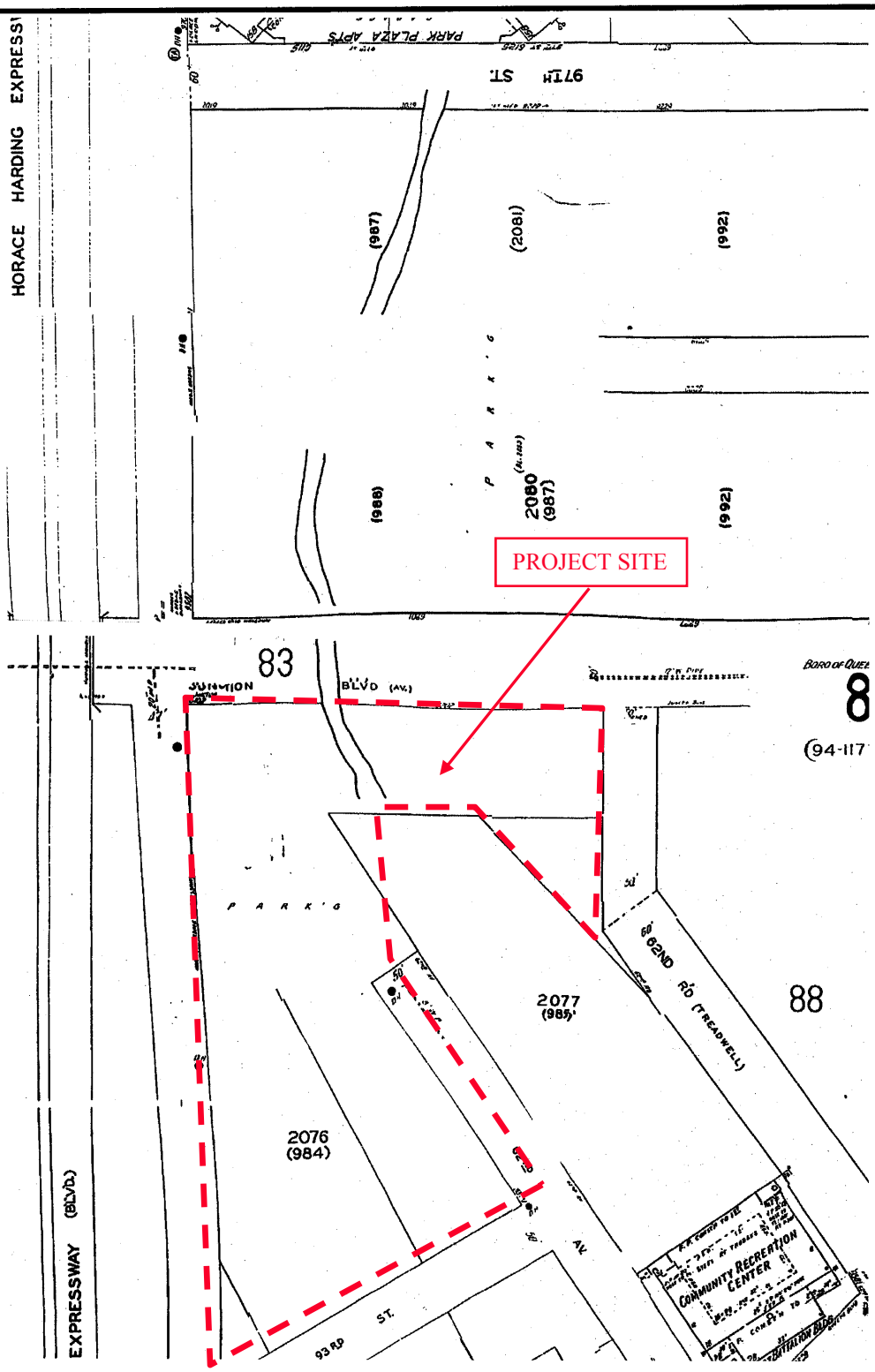

Rego Park Expansion
Rego Park, New York

1981 Sanborn

AKRF, Inc.
Environmental Consultants
116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	

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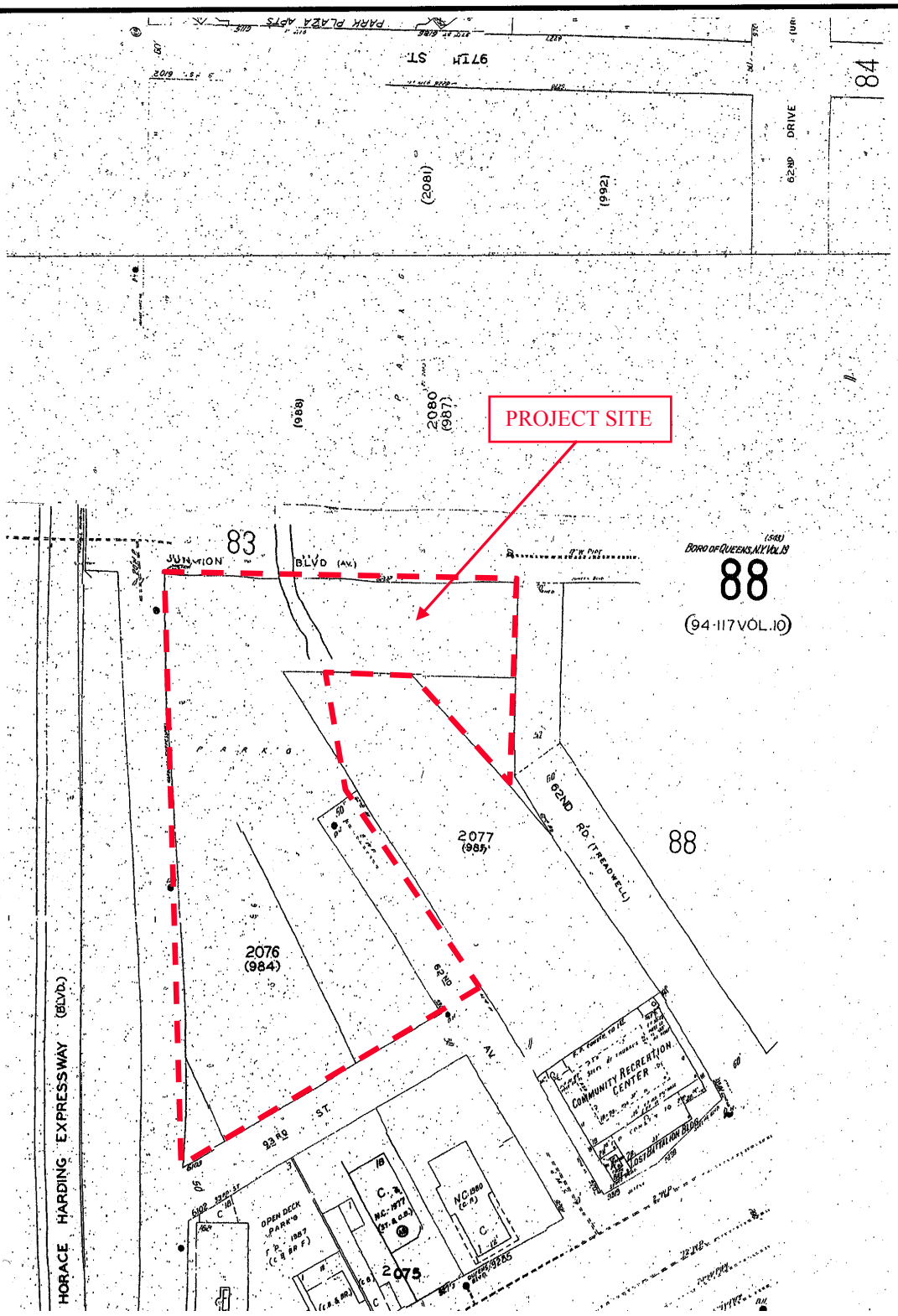

Rego Park Expansion
Rego Park, New York

1989 Sanborn

AKRF, Inc.

Environmental Consultants
116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	

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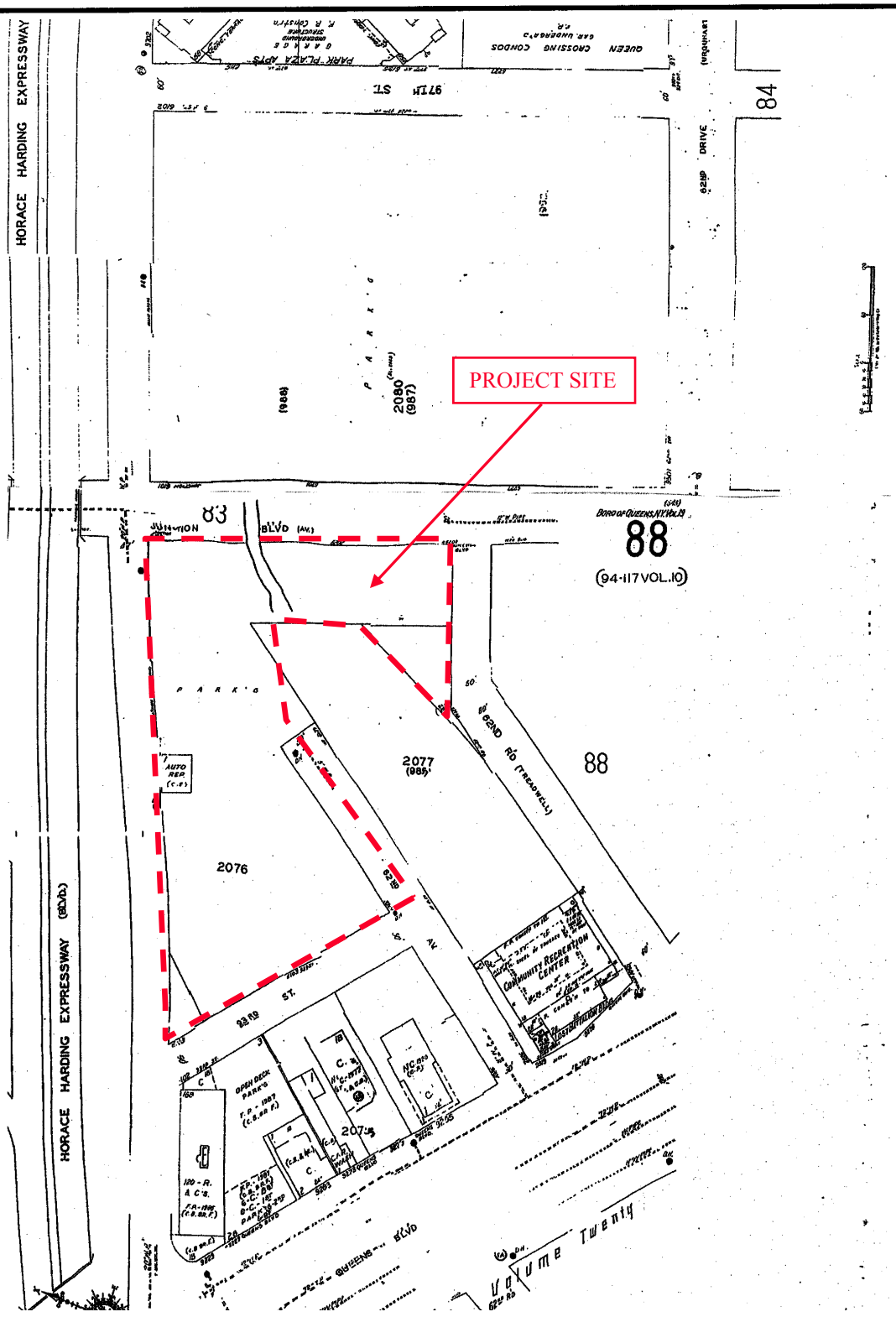

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Rego Park Expansion
Rego Park, New York

1995 Sanborn

AKRF, Inc.
Environmental Consultants
116 East 27th Street New York, New York 10016

DATE	11/6/02
DRAWING No.	
PROJECT No.	10329
FIGURE No.	

APPENDIX C
REGULATORY RECORDS REVIEW

Toxics Targeting Computerized Environmental Report

Junction Blvd, Rego Park
Rego Park, NY 11374

October 31, 2002

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- *Toxic Site Databases Analyzed In Your Report*
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- *Table Two:* *Identified Toxic Sites By Direction*
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- *Unmappable Sites*
- *Hazardous Waste Codes*
- *How Toxic Sites Are Mapped*
- *Information Source Guide*

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Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Computerized Environmental Report.* It checks for the presence of 17 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.

2. ***Estimates*** the distance and direction between the target address and each identified toxic site.

3. ***Reports*** air and water permit non-compliance and other regulatory violations.

4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.

5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. Finally, a close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information, some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.

- Check Table Two to see identified sites sorted by direction.

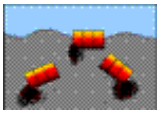
- Check Table Three to see identified sites ranked by proximity to the target address.

- Check Table Four to see identified sites sorted by site categories.

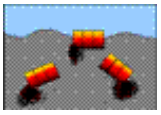
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

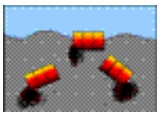
Search Radius

One-Mile 

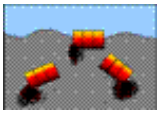
1) ***New York Inactive Hazardous Waste Disposal Site Registry****:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

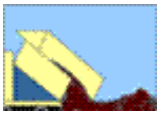
2) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

3) ***National Priority List for Federal Superfund Cleanup****:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

One-Mile 

4) ***New York Hazardous Substance Disposal Site Draft Study****:* a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites are not eligible for state clean up funding programs.

One-Mile 

5) ***New York Solid Waste Facilities Registry, including New York City 1934 Sites****:* active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

One-Mile 

6) ***New York State Major Oil Storage Facilities****:* sites with more than a 400,000 gallon capacity for storing petroleum products.

One-Mile 

7) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities****:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System.

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.
- ***RCRIS corrective action activity (CORRACTS):*** waste facilities with RCRIS corrective action activity reported by the USEPA.

Half-Mile 

8a) ***Toxic Spills: active*** stationary source spills reported to state environmental authorities, including unremediated leaking underground storage tanks.

Half-Mile 

8b) ***Toxic Spills: closed*** stationary and non-stationary source spills reported to state authorities, including remediated leaking underground storage tanks.

Quarter-Mile 

9) ***New York and Local Petroleum Bulk Storage Facilities****:* sites with more than an 1,100 gallon capacity for storing petroleum products.

Quarter-Mile 

10) ***New York and Federal Hazardous Waste Generators and Transporters****:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System.

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.
- ***RCRIS corrective action activity (CORRACTS):*** waste facilities with RCRIS corrective action activity reported by the USEPA.

Quarter-Mile 

11) ***New York Chemical Bulk Storage Facilities****:* Sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Quarter-Mile 

12) ***New York Toxic Release Inventory Facilities****:* discharges of selected toxic chemicals to air, land, water or treatment facilities.

Quarter-Mile 

13) ***Historic New York City Utility Sites (1890's to 1940's)****:* power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Quarter-Mile 

14) ***Air Discharges****:* Air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Quarter-Mile 

15) ***Federal Permit Compliance System Toxic Wastewater Discharges****:* permitted toxic wastewater discharges.

Quarter-Mile 

16) ***Federal Civil Enforcement Docket****:* civil judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

Property only 

17) ***ERNS: Federal Emergency Response Notification System Spills****:* a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Computerized Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. The only systematic changes that are made correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Please be aware of some other limitations of the information in your report:

- The computerized map used by *Toxics Targeting* is the same one used by the U. S. Census. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated on the Census map. FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;

- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 17 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;

- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in zip code areas within one mile of the target address as well as toxic sites without zip codes reported in the same county. IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING AND REFER TO THE SITE ID NUMBER.*

- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.

- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites Ranked By Proximity*
- *Table Four: Identified Toxic Sites By Category*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Quarter-Mile Radius Map*
- *Map Four: Quarter-Mile Radius Close up Map*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site(s) Category Totals
NYS Inactive Hazardous Waste Disposal Sites *	0	0	0	0	0	0
CERCLIS Sites *	0	0	0	0	1	1
National Priority List Sites *	0	0	0	0	0	0
Hazardous Substance Waste Disposal Sites *	0	0	0	0	1	1
NYS Solid Waste Facilities *	0	0	1	0	1	2
NYS Major Oil Storage Facilities *	0	0	0	0	0	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites *	0	0	0	0	0	0
NYS Toxic Spills (incl. Leaking Undrgrnd Storage Tanks) **	0	6	41	59(54)	Not searched	106(54)
Local & State Petroleum Bulk Storage Sites ***	0	4	36	Not searched	Not searched	40
RCRA Hazardous Waste Generators & Transporters ***	0	12	21	Not searched	Not searched	33
NYS Chemical Bulk Storage Sites ***	0	0	0	Not searched	Not searched	0
Toxic Release Inventory Sites (TRI) ***	0	0	0	Not searched	Not searched	0
Historic Utility Facilities ***	0	0	0	Not searched	Not searched	0
Permit Compliance System Toxic Wastewater Discharges ***	0	0	0	Not searched	Not searched	0
NYS Air Discharges ***	0	2	12	Not searched	Not searched	14
Civil Enforcement Docket Facilities ***	0	0	0	Not searched	Not searched	0
ERNS (Onsite) *****	0	Not searched	Not searched	Not searched	Not searched	0
Distance Interval Totals	0	24	111	59(54)	3	197(54)

Search Radius: * 1 Mile Search Radius ** 1/2 Mile Search Radius *** 1/4 Mile Search Radius **** 1/8 Mile Search Radius ***** on-site only

Numbers in ( ) indicate spills not mapped and profiled, and are found in the tables at the end of the active and closed spills sections.
See these tables for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

Junction Blvd, Rego Park
Rego Park, NY 11374

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

No sites found less than 100 feet from subject property

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
113	LSS LEASING CORP #1	96-05 HORACE HARDING BLVD	611 feet to the N	Petroleum Bulk Storage Site
58	9605 L.I.E.& JUNCTION BLV	9605 LIE & JUNCTION BLVD	618 feet to the N	Closed Status Spill (Unk/Other Cause)
156	NEW YORK CITY DEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
157	NYC DEP-AIR NOISE & MATERIALS LAB	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
158	NYCDEP	96-05 HORACE HARDING EXP	623 feet to the N	Hazardous Waste Generator/Transporter
159	NYC DEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
160	NYCDEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
112	PARK PLAZA	61-25 97 ST	609 feet to the NE	Petroleum Bulk Storage Site
184	PARK PLAZA TENANTS	61-25 97TH STREET	616 feet to the NE	Air Discharge Site
185	PARK PLAZA TENANTS	61-25 97TH ST	616 feet to the NE	Air Discharge Site
114	PARK PLAZA OWNER'S INC.	61-15 97TH STREET	624 feet to the NE	Petroleum Bulk Storage Site
161	CONSOLIDATED EDISON	V1097-6115 97TH ST	624 feet to the NE	Hazardous Waste Generator/Transporter
38	VAULT 1097	97TH ST HORACE HARDING	635 feet to the NE	Active Haz Spill (Misc. Spill Cause)
91	VAULT #1854	97TH ST & HORACE HARDING	635 feet to the NE	Closed Status Spill (Misc. Spill Cause)
162	CONSOLIDATED EDISON	V3221-97TH & HOARCE HARDING EX	635 feet to the NE	Hazardous Waste Generator/Transporter
111	AT&T REGO PARK	94-03 QUEENS BOULEVARD	570 feet to the SW	Petroleum Bulk Storage Site
154	AT & T LONG LINES NYD980645816	94-03 QUEENS BLVD.	570 feet to the SW	Hazardous Waste Generator/Transporter
155	AT&T COMMUNICATIONS- REGO PARK	94-03 QUEENS BLVD	570 feet to the SW	Hazardous Waste Generator/Transporter
36	ROADWAY	LIE & JUNCTION BLVD	436 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
37		LIE WEST @ JUNCTION BLVD	436 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
90		LI EXPRESSWAY/JUNCTION BL	436 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
151	CONSOLIDATED EDISON	V350-JUNCTION BLVD & LI EXPWY	436 feet to the NNW	Hazardous Waste Generator/Transporter
152	CONSOLIDATED EDISON CO	HH EXPY AND JUNCTION V7713	436 feet to the NNW	Hazardous Waste Generator/Transporter
153	CONSOLIDATED EDISON CO VS8161	LIE AND JUNCTION	436 feet to the NNW	Hazardous Waste Generator/Transporter

Sites equal to or greater than 660 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
45	RESIDENCE	96-04 57TH AVE	1586 feet to the N	Active Haz Spill (Misc. Spill Cause)
105	APARTMENT BLDG	96-04 57TH AVE	1586 feet to the N	Closed Status Spill (Misc. Spill Cause)

27	MANHOLE 12108	98TH ST AND 57TH AVE	1869 feet to the N	Active Haz Spill (Unknown/Other Cause)
107	55-25 97TH ST	55-25 97TH ST	2124 feet to the N	Closed Status Spill (Misc. Spill Cause)
28	MANHOLE 15104	55TH AV / 97TH ST	2176 feet to the N	Active Haz Spill (Unknown/Other Cause)
81	MANHOLE 15104	55TH AVE AT 97 STREET	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
32	MANHOLE # 16533	55TH AVE/97TH PLACE	2269 feet to the N	Active Haz Spill (Unknown/Other Cause)
83	MANHOLE 16533	55TH AVE AND 97TH PL	2269 feet to the N	Closed Status Spill (Unk/Other Cause)
33	MANHOLE #15105	55TH AVE & 98TH ST	2367 feet to the N	Active Haz Spill (Unknown/Other Cause)
34	MANHOLE 12109	98TH ST & 55TH AVE	2367 feet to the N	Active Haz Spill (Unknown/Other Cause)
86	MANHOLE # 12120	98TH ST/55TH AVE	2367 feet to the N	Closed Status Spill (Unk/Other Cause)
4	APPLE CONTAINER T.S.	50-50 98TH ST.	3214 feet to the N	Solid Waste Facility
163	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE	Hazardous Waste Generator/Transporter
164	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE	Hazardous Waste Generator/Transporter
186	LEFRAK CITY	9705 HORACE HARDING EXPY	820 feet to the NNE	Air Discharge Site
116	ARGENTINE LEASING LIMITED PARTNERSHIP	97-05 HORACE HARDING EXPRESS WAY	821 feet to the NNE	Petroleum Bulk Storage Site
120	COLOMBIA LEASING LIMITED PARTNERSHIP	97-15 HORACE HARDING BLVD	900 feet to the NNE	Petroleum Bulk Storage Site
79	98-30 57TH AVE	98-30 57TH AVE	2032 feet to the NNE	Closed Status Spill (Unk/Other Cause)
47	57TH AVE & 98TH PLACE	57TH AVE & 98TH PLACE	2039 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
89	MANHOLE 11918 55TH AVE AN	D 49 FEET WEST OF 99TH ST	2625 feet to the NNE	Closed Status Spill (Unk/Other Cause)
117	PUBLIC SCHOOL 206	61-21 97TH PLACE	857 feet to the NE	Petroleum Bulk Storage Site
166	NYC BOARD OF EDUCATION	61-21 97TH PLACE	857 feet to the NE	Hazardous Waste Generator/Transporter
9	PUBLIC SCHOOL 206-Q	61-21 97TH PL	863 feet to the NE	Active Tank Test Failure
10	61-21 97TH PL.	61021 97TH PL.	863 feet to the NE	Active Tank Test Failure
11	PS #206 SCHOOL	61-21 97TH PLACE	863 feet to the NE	Active Tank Test Failure
23	PS 206	61-21 97TH PLACE	863 feet to the NE	Active Haz Spill (Unknown/Other Cause)
24	PUBLIC SCHOOL 206	61-21 97 PL	863 feet to the NE	Active Haz Spill (Unknown/Other Cause)
140	PARK CITY ESTATES	61-25 98TH ST	1101 feet to the NE	Petroleum Bulk Storage Site
64	BOWERY BAY REGULATOR	98TH ST LIE SVCE ROAD	1107 feet to the NE	Closed Status Spill (Unk/Other Cause)
99	BOWERY BAY REGULATOR #18	98TH ST&HORACE HARDING EX	1107 feet to the NE	Closed Status Spill (Misc. Spill Cause)
65	98 ST.& L.I.E. QUEENS/RAW		1123 feet to the NE	Closed Status Spill (Unk/Other Cause)
100	BOWERY BAY REGULATOR #22	98TH STREET- L.I.E.	1123 feet to the NE	Closed Status Spill (Misc. Spill Cause)
147	CEYLON LEASING LTD PARTNERSHIP	98-15 HORACE HARDING BLVD	1245 feet to the NE	Petroleum Bulk Storage Site
149	98-25 HORACE HARDING BLVD	98-25 HORACE HARDING BLVD	1308 feet to the NE	Petroleum Bulk Storage Site
68	98-25 HORACE HARDING EXP.	98-25 HORACE HARDING EXP.	1311 feet to the NE	Closed Status Spill (Unk/Other Cause)
21	99-45 60TH AVE	99045 60TH AVE	2563 feet to the NE	Active Tank Test Failure
138	PARK CITY ESTATES TENANTS CORP	61-45 98TH ST	1086 feet to the ENE	Petroleum Bulk Storage Site
195	PARK CITY ESTATES TENANTS CORP	6155 98TH ST	1094 feet to the ENE	Air Discharge Site
73	PARKING LOT	62ND DR/99TH ST	1697 feet to the ENE	Closed Status Spill (Unk/Other Cause)
85	MANHOLE 11470	100 SECOND ST/HORACE HARD	2358 feet to the ENE	Closed Status Spill (Unk/Other Cause)
14	APARTMENT BLDG	63-36 98TH PLACE	1567 feet to the E	Active Tank Test Failure
16	RESIDENCE	99-40 63 RD	1888 feet to the E	Active Tank Test Failure
110	102-28 63RD AVE. / QUEENS	102-28 63RD AVE.	2596 feet to the E	Closed Status Spill (Misc. Spill Cause)
52	97-34 63RD RD/CLEANERS	97-34 63RD RD/CLEANERS	1094 feet to the ESE	Closed Status Tank Test Failure
12	OUR LADY OF ANGELS CHURCH	63063 98TH STREET	1481 feet to the ESE	Active Tank Test Failure
13	63-63 98TH ST./OUR LADY O	63063 98TH ST.	1481 feet to the ESE	Active Tank Test Failure
50	99-21 65TH AVE	99-21 65TH AVE	2574 feet to the ESE	Closed Status Tank Failure
5	PARK CITY APTS INC	97-07 63RD RD	981 feet to the SE	Active Tank Failure
188	PARK CITY III & IV APT.I	97-07 63 RD.	987 feet to the SE	Air Discharge Site

128	PARK CITY 3&4 APARTMENTS, INC.	97-07 63RD ROAD	988 feet to the SE	Petroleum Bulk Storage Site
172	EVERGREEN DRY CLEANERS	97-14 63RD ROAD	1049 feet to the SE	Hazardous Waste Generator/Transporter
194	ALVA FRENCH CLEANER	97-16 63 ROAD	1064 feet to the SE	Air Discharge Site
94	JD BAKERY	97-20 63 RD	1066 feet to the SE	Closed Status Spill (Misc. Spill Cause)
95	97-20 63RD RD.	97-20 63RD RD.	1066 feet to the SE	Closed Status Spill (Misc. Spill Cause)
143	97-11 63RD DRIVE APTS. OWNERS, CORP.	97-11 63RD DRIVE	1164 feet to the SE	Petroleum Bulk Storage Site
144	97-11 63RD DRIVE	97-11 63RD DRIVE	1164 feet to the SE	Petroleum Bulk Storage Site
104	97-25 63RD DRIVE/QUEENS	97-25 63RD DRIVE	1192 feet to the SE	Closed Status Spill (Misc. Spill Cause)
178	ALVA CLEANERS	97-16 63RD DRIVE	1219 feet to the SE	Hazardous Waste Generator/Transporter
196	ALVA FRENCH CLEANERS	97-16 63RD DR	1230 feet to the SE	Air Discharge Site
181	CLEAN LAND CLEANERS	97-34 63RD DRIVE	1262 feet to the SE	Hazardous Waste Generator/Transporter
182	ANDRE FRENCH DRY CLEANING	97-07 64TH AVENUE	1277 feet to the SE	Hazardous Waste Generator/Transporter
197	ANDRE DRY CLEANERS	97-07 64TH AVENUE	1284 feet to the SE	Air Discharge Site
69	ATF OFFICE	97-45 QUEENS BLVD	1496 feet to the SE	Closed Status Spill (Unk/Other Cause)
71	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1660 feet to the SE	Closed Status Spill (Unk/Other Cause)
78	64-85 SAUNDERS ST	64-85 SAUNDERS ST	1995 feet to the SE	Closed Status Spill (Unk/Other Cause)
8	98-28 QUEENS BLVD	98-28 QUEENS BLVD	2280 feet to the SE	Active Tank Failure
108	65-61 SAUNDER ST.	65-61 SAUNDER ST.	2531 feet to the SE	Closed Status Spill (Misc. Spill Cause)
109	SINRAM MARNIS/QUEENS BLVD	98-51 QUEENS BLVD	2595 feet to the SE	Closed Status Spill (Misc. Spill Cause)
48	ALEXANDER'S INC.	QUEENS BLVD / 63RD RD.	842 feet to the SSE	Closed Status Tank Failure
49	96-05 QUEENS BLVD.	96-05 QUEENS BLVD	842 feet to the SSE	Closed Status Tank Failure
187	ALEXANDERS INC	96-05 QUEENS BOULEVARD	849 feet to the SSE	Air Discharge Site
118	ALEXANDER'S INC.	95-21 63RD RD	864 feet to the SSE	Petroleum Bulk Storage Site
167	ALEXANDERS REGO PARK	96-05 QUEENS BLVD	866 feet to the SSE	Hazardous Waste Generator/Transporter
3	UNKNOWN	JUNCTION AVE. & 63RD DR.	995 feet to the SSE	Solid Waste Facility
192	MOBIL	96-27 QUEENS BLVD	1043 feet to the SSE	Air Discharge Site
193	QUEENS 63 SERVICE STATION	9627 QUEENS BLVD	1043 feet to the SSE	Air Discharge Site
6	96-27 QUEENS BLVD/QUEENS	96027 QUEENS BLVD	1046 feet to the SSE	Active Tank Failure
51	96-27 QUEENS BLVD	96-27 QUEENS BLVD	1046 feet to the SSE	Closed Status Tank Test Failure
61	MANHOLE 1260	9627 QUEENS BLVD	1046 feet to the SSE	Closed Status Spill (Unk/Other Cause)
135	EXXONMOBIL S/S #17-GBR	96-27 QUEENS BLVD	1051 feet to the SSE	Petroleum Bulk Storage Site
173	MOBIL OIL CORPORATION	17 GBR 96-27 QUEENS BLVD	1051 feet to the SSE	Hazardous Waste Generator/Transporter
62	96-33 QUEENS BLVD.	96-33 QUEENS BLVD.	1059 feet to the SSE	Closed Status Spill (Unk/Other Cause)
63	ROADWAY	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Unk/Other Cause)
96	9637 QUEENS BLVD	9637 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
97	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
98	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
174	NEW YORK TELPHONE	IN FRONT OF 96-16QUEENS BLVD	1097 feet to the SSE	Hazardous Waste Generator/Transporter
101	63 AVE(SUBWAY STATION)	63 AVENUE (SUBWAY STATION	1132 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
103	96=66 QUEENS BLVD/QUEENS	96-66 QUEENS BLVD	1178 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
66	MANHOLE #1261	63RD DR & QUEENS BLVD	1209 feet to the SSE	Closed Status Spill (Unk/Other Cause)
67	MANHOLE #1260	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Closed Status Spill (Unk/Other Cause)
176	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Hazardous Waste Generator/Transporter
177	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Hazardous Waste Generator/Transporter
148	RITE AID STORE #4866	95-14 63RD DRIVE	1250 feet to the SSE	Petroleum Bulk Storage Site
183	SUN VALLEY	63-73 SAUNDERS ST	1312 feet to the SSE	Hazardous Waste Generator/Transporter
56	64-49 WETHEROLE ST/ARMCO	64-49 WETHEROLE STREET	2180 feet to the SSE	Closed Status Tank Test Failure
18	APT COMPLEX	64-85 BOOTH ST	2190 feet to the SSE	Active Tank Test Failure
87	65-20 BOOTH ST	65-20 BOOTH ST	2425 feet to the SSE	Closed Status Spill (Unk/Other Cause)
136	REGO REALTY	63-25 SAUNDERS ST	1055 feet to the S	Petroleum Bulk Storage Site
141	SANDERS OWNERS CORP	63-45 SAUNDERS ST	1160 feet to the S	Petroleum Bulk Storage Site

46		93-06 63RD DR	1705 feet to the S	Active Haz Spill (Misc. Spill Cause)
106	PS 139	93-06 63RD DR	1705 feet to the S	Closed Status Spill (Misc. Spill Cause)
39	CON ED STREET VAULT	62ND DRIVE & QUEENS BLVD	707 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
165	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4004-62 DR & QUEENS BLVD	707 feet to the SSW	Hazardous Waste Generator/Transporter
59	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	715 feet to the SSW	Closed Status Spill (Unk/Other Cause)
115	REGO REALTY	95-08 QUEENS BLVD	732 feet to the SSW	Petroleum Bulk Storage Site
189	DILMAC HOLDING	62-95 SAUNDERS STREET	989 feet to the SSW	Air Discharge Site
190	FULLER TOOL CO.	62-95 SAUNDERS STREET	989 feet to the SSW	Air Discharge Site
191	DILMAC HOLDING	62-95 SAUNDERS	989 feet to the SSW	Air Discharge Site
93	6295 SOUNDERS ST	6295 SOUNDRS ST	996 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
130	REGO REALTY	62-95 SAUNDERS ST	1002 feet to the SSW	Petroleum Bulk Storage Site
131	REGO REALTY	63-07 SAUNDERS ST	1008 feet to the SSW	Petroleum Bulk Storage Site
60	MANHOLE# 2730	63RD AV/SAUNDERS AV	1028 feet to the SSW	Closed Status Spill (Unk/Other Cause)
132	M & L JACOBS INC	62-82 SAUNDERS STREET	1043 feet to the SSW	Petroleum Bulk Storage Site
134	MARION COURT EQUITIES CORP.	62-98 SAUNDERS STREET	1051 feet to the SSW	Petroleum Bulk Storage Site
43	62-98 SAUNDERS ST/QUEENS	62098 SAUNDERS STREET	1057 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
137	SAUNDERS APARTMENTS, INC.	63-109 SAUNDERS STREET	1057 feet to the SSW	Petroleum Bulk Storage Site
44	6320 SAUNDERS STREET	6320 SAUNDERS STREET	1078 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
40	62ND RD SUBSTATION	62ND RD QUEENS BL	763 feet to the SW	Active Haz Spill (Misc. Spill Cause)
129	REGO REALTY	62-65 SAUNDERS ST	1001 feet to the SW	Petroleum Bulk Storage Site
133	JUPITER COURT CORP.	62-64 SAUNDERS ST	1047 feet to the SW	Petroleum Bulk Storage Site
22	AT&T REGO PARK	94-03 QUEENS BLVD	843 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
41	SIDEWALK FILL BOX	AT&T 94-03 QUEENS BLVD	843 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
42		62ND AVE & QUEENS BLVD	874 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
121	LOST BATTALION HALL	93-29 QUEENS BLVD.	907 feet to the WSW	Petroleum Bulk Storage Site
124	93-54 QUEEN BLVD	93-54 QUEENS BLVD	925 feet to the WSW	Petroleum Bulk Storage Site
125	93-40 QUEENS BLVD	93-40 QUEENS BLVD	935 feet to the WSW	Petroleum Bulk Storage Site
127	HAMPTON HOUSE	93-10/24 QUEENS BLVD	959 feet to the WSW	Petroleum Bulk Storage Site
175	CONSOLIDATED EDISON	V383-SOYNDERS & 62ND AVE	1156 feet to the WSW	Hazardous Waste Generator/Transporter
150	SAUNDERS ST. OWNERS LTD.	61-41 SAUNDERS ST	1310 feet to the WSW	Petroleum Bulk Storage Site
29	VACANT BUILDING	60-69 WOODHAVEN BLVD	2185 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
19	60-50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2231 feet to the WSW	Active Tank Test Failure
82	60-50 WOODHAVEN BLVD.	60-50 WOODHAVEN BLVD.	2231 feet to the WSW	Closed Status Spill (Unk/Other Cause)
30	60-70 WOODHAVEN BLVD	60070 WOODHAVAN BLVD	2252 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
57	61-01 WOODHAVEN BLV/GETTY	61-01 WOODHAVEN BLVD	2458 feet to the WSW	Closed Status Tank Test Failure
142	CALMAR	92-40 QUEENS BLVD	1164 feet to the W	Petroleum Bulk Storage Site
179	US POSTAL SERVICE	92-24 QUEENS BLVD	1226 feet to the W	Hazardous Waste Generator/Transporter
180	NYNEX	QUEENS BLVD & ELLIST AVE	1227 feet to the W	Hazardous Waste Generator/Transporter
76	MANHOLE #19156	QUEENS BL & WOODHAVEN BL	1910 feet to the W	Closed Status Spill (Unk/Other Cause)
54	54-06 WOODHAVEN BLV/MOBIL	55-06 WOODHAVEN BLVD	1952 feet to the W	Closed Status Tank Test Failure
77	MANHOLE 4874	HOFFMAN DRIVE /WOODHAVEN	1975 feet to the W	Closed Status Spill (Unk/Other Cause)
20	90-02 QUEENS BLVD.	90-02 QUEENS BLVD	2320 feet to the W	Active Tank Test Failure
84	90TH STR & QUEENS BLVD	90TH ST & QUEENS BLVD	2321 feet to the W	Closed Status Spill (Unk/Other Cause)
7		59TH AVE & 92ND ST	1627 feet to the WNW	Active Tank Failure
53	58-14 92ND ST/QUNS/SHELL	58-14 92ND ST	1678 feet to the WNW	Closed Status Tank Test Failure
15	58-06 92 ST/QNS/SUNOCO	58-06 92 STREET	1739 feet to the WNW	Active Tank Test Failure
74	SUNOCO SERVICE STATION	5806 92 ST	1739 feet to the WNW	Closed Status Spill (Unk/Other Cause)
75		5814 92ND ST	1782 feet to the WNW	Closed Status Spill (Unk/Other Cause)

17	QUEENS CENTER MALL	90-15 QUEENS BLVD	2055 feet to the WNW	Active Tank Test Failure
80	90-15 QUEENS BLVD	90-15 QUEENS BLVD	2055 feet to the WNW	Closed Status Spill (Unk/Other Cause)
35	57TH AV	90 ST	2512 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
119	REGO PARK GARDENS	94-30 60TH AVENUE	880 feet to the NW	Petroleum Bulk Storage Site
122	94-10 ASSOCIATES	94-10 60TH AVE	917 feet to the NW	Petroleum Bulk Storage Site
123	CLEAR HOLDING CO.	94-10 60TH AVE	917 feet to the NW	Petroleum Bulk Storage Site
126	REGO PARK GARDENS CONDOMINIUM	94-11 60 AVE	953 feet to the NW	Petroleum Bulk Storage Site
92	REGULATOR #11/QUEENS	94TH ST & LONG ISLAND EXP	959 feet to the NW	Closed Status Spill (Misc. Spill Cause)
168	NEW YORK CITY DEPTOF ENVIRONMENTAL PROT	60TH & 94TH ST	959 feet to the NW	Hazardous Waste Generator/Transporter
139	REGO PARK GARDENSCONDOMINIUM	94-30 59TH AVENUE	1098 feet to the NW	Petroleum Bulk Storage Site
145	94-11 59TH AVE	94-11 59TH AVE	1170 feet to the NW	Petroleum Bulk Storage Site
146	94-11 59TH AVENUE	94-11 59TH AVENUE	1170 feet to the NW	Petroleum Bulk Storage Site
102	94-11 59TH AVE/QUEENS	94011 59TH AVENUE	1176 feet to the NW	Closed Status Spill (Misc. Spill Cause)
72	94TH ST. & 57TH AVE.	94TH ST. & 57TH AVE.	1675 feet to the NW	Closed Status Spill (Unk/Other Cause)
55	56-25 92ST	CATHEDRAL PREP/56-25 92ST	2166 feet to the NW	Closed Status Tank Test Failure
31	NEW TOWN PLAYGROUND	92ND ST & 56TH AV	2259 feet to the NW	Active Haz Spill (Unknown/Other Cause)
1	PEERLESS INSTRUMENT CO.	CORONA AVENUE AND 90 ST.	4540 feet to the NW	CERCLIS Site
2	PEERLESS INSTRUMENT CO., INC.	90-15 CORONA AVE.	4540 feet to the NW	Hazardous Substance Waste Disposal Site
169	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	59-17 JUNCTION BLLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
170	NEW YORK CITY DEPT OF ENVIRONMENTAL	PROTECTION 59-17 JUNCTION BLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
171	NEW YORK CITY DEPT ENV PROTECTION	59-17 JUNCTION BLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
25	MANHOLE #12285	JUNCTION BLVD & 57TH AVE	1557 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
26	MANHOLE 12285	JCT.BLVD & 57TH AVE	1557 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
70	MANHOLE 14147	JUNCTION BLVD/57TH AVE	1557 feet to the NNW	Closed Status Spill (Unk/Other Cause)
88	SIDEWALK	94TH ST / 54TH AVE	2523 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Identified Toxic Sites by Proximity

Junction Blvd, Rego Park, Rego Park, NY 11374

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
36	ROADWAY	LIE & JUNCTION BLVD	436 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
37		LIE WEST @ JUNCTION BLVD	436 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
90		LI EXPRESSWAY/JUNCTION BL	436 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
151	CONSOLIDATED EDISON	V350-JUNCTION BLVD & LI EXPWY	436 feet to the NNW	Hazardous Waste Generator/Transporter
152	CONSOLIDATED EDISON CO	HH EXPY AND JUNCTION V7713	436 feet to the NNW	Hazardous Waste Generator/Transporter
153	CONSOLIDATED EDISON CO VS8161	LIE AND JUNCTION	436 feet to the NNW	Hazardous Waste Generator/Transporter
111	AT&T REGO PARK	94-03 QUEENS BOULEVARD	570 feet to the SW	Petroleum Bulk Storage Site
154	AT & T LONG LINES NYD980645816	94-03 QUEENS BLVD.	570 feet to the SW	Hazardous Waste Generator/Transporter
155	AT&T COMMUNICATIONS- REGO PARK	94-03 QUEENS BLVD	570 feet to the SW	Hazardous Waste Generator/Transporter
112	PARK PLAZA	61-25 97 ST	609 feet to the NE	Petroleum Bulk Storage Site
113	LSS LEASING CORP #1	96-05 HORACE HARDING BLVD	611 feet to the N	Petroleum Bulk Storage Site
184	PARK PLAZA TENANTS	61-25 97TH STREET	616 feet to the NE	Air Discharge Site
185	PARK PLAZA TENANTS	61-25 97TH ST	616 feet to the NE	Air Discharge Site
58	9605 L.I.E.& JUNCTION BLV	9605 LIE & JUNCTION BLVD	618 feet to the N	Closed Status Spill (Unk/Other Cause)
156	NEW YORK CITY DEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
157	NYC DEP-AIR NOISE & MATERIALS LAB	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
158	NYCDEP	96-05 HORACE HARDING EXP	623 feet to the N	Hazardous Waste Generator/Transporter
159	NYC DEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
160	NYCDEP	96-05 HORACE HARDING EXPWY	623 feet to the N	Hazardous Waste Generator/Transporter
114	PARK PLAZA OWNER'S INC.	61-15 97TH STREET	624 feet to the NE	Petroleum Bulk Storage Site
161	CONSOLIDATED EDISON	V1097-6115 97TH ST	624 feet to the NE	Hazardous Waste Generator/Transporter
38	VAULT 1097	97TH ST HORACE HARDING	635 feet to the NE	Active Haz Spill (Misc. Spill Cause)
91	VAULT #1854	97TH ST & HORACE HARDING	635 feet to the NE	Closed Status Spill (Misc. Spill Cause)
162	CONSOLIDATED EDISON	V3221-97TH & HOARCE HARDING EX	635 feet to the NE	Hazardous Waste Generator/Transporter
163	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE	Hazardous Waste Generator/Transporter
164	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE	Hazardous Waste Generator/Transporter
39	CON ED STREET VAULT	62ND DRIVE & QUEENS BLVD	707 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
165	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4004-62 DR & QUEENS BLVD	707 feet to the SSW	Hazardous Waste Generator/Transporter
59	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	715 feet to the SSW	Closed Status Spill (Unk/Other Cause)
115	REGO REALTY	95-08 QUEENS BLVD	732 feet to the SSW	Petroleum Bulk Storage Site
40	62ND RD SUBSTATION	62ND RD QUEENS BL	763 feet to the SW	Active Haz Spill (Misc. Spill Cause)
186	LEFRAK CITY	9705 HORACE HARDING EXPY	820 feet to the NNE	Air Discharge Site
116	ARGENTINE LEASING LIMITED PARTNERSHIP	97-05 HORACE HARDING EXPRESS WAY	821 feet to the NNE	Petroleum Bulk Storage Site
48	ALEXANDER'S INC.	QUEENS BLVD / 63RD RD.	842 feet to the SSE	Closed Status Tank Failure
49	96-05 QUEENS BLVD.	96-05 QUEENS BLVD	842 feet to the SSE	Closed Status Tank Failure
22	AT&T REGO PARK	94-03 QUEENS BLVD	843 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
41	SIDEWALK FILL BOX	AT&T 94-03 QUEENS BLVD	843 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
187	ALEXANDERS INC	96-05 QUEENS BOULEVARD	849 feet to the SSE	Air Discharge Site
117	PUBLIC SCHOOL 206	61-21 97TH PLACE	857 feet to the NE	Petroleum Bulk Storage Site
166	NYC BOARD OF EDUCATION	61-21 97TH PLACE	857 feet to the NE	Hazardous Waste Generator/Transporter
9	PUBLIC SCHOOL 206-Q	61-21 97TH PL	863 feet to the NE	Active Tank Test Failure
10	61-21 97TH PL.	61021 97TH PL.	863 feet to the NE	Active Tank Test Failure
11	PS #206 SCHOOL	61-21 97TH PLACE	863 feet to the NE	Active Tank Test Failure
23	PS 206	61-21 97TH PLACE	863 feet to the NE	Active Haz Spill (Unknown/Other Cause)
24	PUBLIC SCHOOL 206	61-21 97 PL	863 feet to the NE	Active Haz Spill (Unknown/Other Cause)

118	ALEXANDER'S INC.	95-21 63RD RD	864 feet to the SSE	Petroleum Bulk Storage Site
167	ALEXANDERS REGO PARK	96-05 QUEENS BLVD	866 feet to the SSE	Hazardous Waste Generator/Transporter
42		62ND AVE & QUEENS BLVD	874 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
119	REGO PARK GARDENS	94-30 60TH AVENUE	880 feet to the NW	Petroleum Bulk Storage Site
120	COLOMBIA LEASING LIMITED PARTNERSHIP	97-15 HORACE HARDING BLVD	900 feet to the NNE	Petroleum Bulk Storage Site
121	LOST BATTALION HALL	93-29 QUEENS BLVD.	907 feet to the WSW	Petroleum Bulk Storage Site
122	94-10 ASSOCIATES	94-10 60TH AVE	917 feet to the NW	Petroleum Bulk Storage Site
123	CLEAR HOLDING CO.	94-10 60TH AVE	917 feet to the NW	Petroleum Bulk Storage Site
124	93-54 QUEEN BLVD	93-54 QUEENS BLVD	925 feet to the WSW	Petroleum Bulk Storage Site
125	93-40 QUEENS BLVD	93-40 QUEENS BLVD	935 feet to the WSW	Petroleum Bulk Storage Site
126	REGO PARK GARDENS CONDOMINIUM	94-11 60 AVE	953 feet to the NW	Petroleum Bulk Storage Site
92	REGULATOR #11/QUEENS	94TH ST & LONG ISLAND EXP	959 feet to the NW	Closed Status Spill (Misc. Spill Cause)
127	HAMPTON HOUSE	93-10/24 QUEENS BLVD	959 feet to the WSW	Petroleum Bulk Storage Site
168	NEW YORK CITY DEPTOF ENVIRONMENTAL PROT	60TH & 94TH ST	959 feet to the NW	Hazardous Waste Generator/Transporter
5	PARK CITY APTS INC	97-07 63RD RD	981 feet to the SE	Active Tank Failure
188	PARK CITY III & IV APT.I	97-07 63 RD.	987 feet to the SE	Air Discharge Site
128	PARK CITY 3&4 APARTMENTS, INC.	97-07 63RD ROAD	988 feet to the SE	Petroleum Bulk Storage Site
189	DILMAC HOLDING	62-95 SAUNDERS STREET	989 feet to the SSW	Air Discharge Site
190	FULLER TOOL CO.	62-95 SAUNDERS STREET	989 feet to the SSW	Air Discharge Site
191	DILMAC HOLDING	62-95 SAUNDERS	989 feet to the SSW	Air Discharge Site
3	UNKNOWN	JUNCTION AVE. & 63RD DR.	995 feet to the SSE	Solid Waste Facility
93	6295 SOUNDERS ST	6295 SOUNDRS ST	996 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
129	REGO REALTY	62-65 SAUNDERS ST	1001 feet to the SW	Petroleum Bulk Storage Site
130	REGO REALTY	62-95 SAUNDERS ST	1002 feet to the SSW	Petroleum Bulk Storage Site
131	REGO REALTY	63-07 SAUNDERS ST	1008 feet to the SSW	Petroleum Bulk Storage Site
60	MANHOLE# 2730	63RD AV/SAUNDERS AV	1028 feet to the SSW	Closed Status Spill (Unk/Other Cause)
169	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	59-17 JUNCTION BLLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
170	NEW YORK CITY DEPT OF ENVIRONMENTAL	PROTECTION 59-17 JUNCTION BLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
171	NEW YORK CITY DEPT ENV PROTECTION	59-17 JUNCTION BLVD	1032 feet to the NNW	Hazardous Waste Generator/Transporter
132	M & L JACOBS INC	62-82 SAUNDERS STREET	1043 feet to the SSW	Petroleum Bulk Storage Site
192	MOBIL	96-27 QUEENS BLVD	1043 feet to the SSE	Air Discharge Site
193	QUEENS 63 SERVICE STATION	9627 QUEENS BLVD	1043 feet to the SSE	Air Discharge Site
6	96-27 QUEENS BLVD/QUEENS	96027 QUEENS BLVD	1046 feet to the SSE	Active Tank Failure
51	96-27 QUEENS BLVD	96-27 QUEENS BLVD	1046 feet to the SSE	Closed Status Tank Test Failure
61	MANHOLE 1260	9627 QUEENS BLVD	1046 feet to the SSE	Closed Status Spill (Unk/Other Cause)
133	JUPITER COURT CORP.	62-64 SAUNDERS ST	1047 feet to the SW	Petroleum Bulk Storage Site
172	EVERGREEN DRY CLEANERS	97-14 63RD ROAD	1049 feet to the SE	Hazardous Waste Generator/Transporter
134	MARION COURT EQUITIES CORP.	62-98 SAUNDERS STREET	1051 feet to the SSW	Petroleum Bulk Storage Site
135	EXXONMOBIL S/S #17-GBR	96-27 QUEENS BLVD	1051 feet to the SSE	Petroleum Bulk Storage Site
173	MOBIL OIL CORPORATION	17 GBR 96-27 QUEENS BLVD	1051 feet to the SSE	Hazardous Waste Generator/Transporter
136	REGO REALTY	63-25 SAUNDERS ST	1055 feet to the S	Petroleum Bulk Storage Site
43	62-98 SAUNDERS ST/QUEENS	62098 SAUNDERS STREET	1057 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
137	SAUNDERS APARTMENTS, INC.	63-109 SAUNDERS STREET	1057 feet to the SSW	Petroleum Bulk Storage Site
62	96-33 QUEENS BLVD.	96-33 QUEENS BLVD.	1059 feet to the SSE	Closed Status Spill (Unk/Other Cause)
194	ALVA FRENCH CLEANER	97-16 63 ROAD	1064 feet to the SE	Air Discharge Site
63	ROADWAY	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Unk/Other Cause)
94	JD BAKERY	97-20 63 RD	1066 feet to the SE	Closed Status Spill (Misc. Spill Cause)
95	97-20 63RD RD.	97-20 63RD RD.	1066 feet to the SE	Closed Status Spill (Misc. Spill Cause)
96	9637 QUEENS BLVD	9637 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
97	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
98	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
44	6320 SAUNDERS STREET	6320 SAUNDERS STREET	1078 feet to the SSW	Active Haz Spill (Misc. Spill Cause)
138	PARK CITY ESTATES TENANTS CORP	61-45 98TH ST	1086 feet to the ENE	Petroleum Bulk Storage Site

52	97-34 63RD RD/CLEANERS	97-34 63RD RD/CLEANERS	1094 feet to the ESE	Closed Status Tank Test Failure
195	PARK CITY ESTATES TENANTS CORP	6155 98TH ST	1094 feet to the ENE	Air Discharge Site
174	NEW YORK TELPHONE	IN FRONT OF 96-16QUEENS BLVD	1097 feet to the SSE	Hazardous Waste Generator/Transporter
139	REGO PARK GARDENSCONDOMINIUM	94-30 59TH AVENUE	1098 feet to the NW	Petroleum Bulk Storage Site
140	PARK CITY ESTATES	61-25 98TH ST	1101 feet to the NE	Petroleum Bulk Storage Site
64	BOWERY BAY REGULATOR	98TH ST LIE SVCE ROAD	1107 feet to the NE	Closed Status Spill (Unk/Other Cause)
99	BOWERY BAY REGULATOR #18	98TH ST&HORACE HARDING EX	1107 feet to the NE	Closed Status Spill (Misc. Spill Cause)
65	98 ST.& L.I.E. QUEENS/RAW		1123 feet to the NE	Closed Status Spill (Unk/Other Cause)
100	BOWERY BAY REGULATOR #22	98TH STREET- L.I.E.	1123 feet to the NE	Closed Status Spill (Misc. Spill Cause)
101	63 AVE(SUBWAY STATION)	63 AVENUE (SUBWAY STATION	1132 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
175	CONSOLIDATED EDISON	V383-SOYNDERS & 62ND AVE	1156 feet to the WSW	Hazardous Waste Generator/Transporter
141	SANDERS OWNERS CORP	63-45 SAUNDERS ST	1160 feet to the S	Petroleum Bulk Storage Site
142	CALMAR	92-40 QUEENS BLVD	1164 feet to the W	Petroleum Bulk Storage Site
143	97-11 63RD DRIVE APTS. OWNERS, CORP.	97-11 63RD DRIVE	1164 feet to the SE	Petroleum Bulk Storage Site
144	97-11 63RD DRIVE	97-11 63RD DRIVE	1164 feet to the SE	Petroleum Bulk Storage Site
145	94-11 59TH AVE	94-11 59TH AVE	1170 feet to the NW	Petroleum Bulk Storage Site
146	94-11 59TH AVENUE	94-11 59TH AVENUE	1170 feet to the NW	Petroleum Bulk Storage Site
102	94-11 59TH AVE/QUEENS	94011 59TH AVENUE	1176 feet to the NW	Closed Status Spill (Misc. Spill Cause)
103	96=66 QUEENS BLVD/QUEENS	96-66 QUEENS BLVD	1178 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
104	97-25 63RD DRIVE/QUEENS	97-25 63RD DRIVE	1192 feet to the SE	Closed Status Spill (Misc. Spill Cause)
66	MANHOLE #1261	63RD DR & QUEENS BLVD	1209 feet to the SSE	Closed Status Spill (Unk/Other Cause)
67	MANHOLE #1260	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Closed Status Spill (Unk/Other Cause)
176	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Hazardous Waste Generator/Transporter
177	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE	Hazardous Waste Generator/Transporter
178	ALVA CLEANERS	97-16 63RD DRIVE	1219 feet to the SE	Hazardous Waste Generator/Transporter
179	US POSTAL SERVICE	92-24 QUEENS BLVD	1226 feet to the W	Hazardous Waste Generator/Transporter
180	NYNEX	QUEENS BLVD & ELLIST AVE	1227 feet to the W	Hazardous Waste Generator/Transporter
196	ALVA FRENCH CLEANERS	97-16 63RD DR	1230 feet to the SE	Air Discharge Site
147	CEYLON LEASING LTD PARTNERSHIP	98-15 HORACE HARDING BLVD	1245 feet to the NE	Petroleum Bulk Storage Site
148	RITE AID STORE #4866	95-14 63RD DRIVE	1250 feet to the SSE	Petroleum Bulk Storage Site
181	CLEAN LAND CLEANERS	97-34 63RD DRIVE	1262 feet to the SE	Hazardous Waste Generator/Transporter
182	ANDRE FRENCH DRY CLEANING	97-07 64TH AVENUE	1277 feet to the SE	Hazardous Waste Generator/Transporter
197	ANDRE DRY CLEANERS	97-07 64TH AVENUE	1284 feet to the SE	Air Discharge Site
149	98-25 HORACE HARDING BLVD	98-25 HORACE HARDING BLVD	1308 feet to the NE	Petroleum Bulk Storage Site
150	SAUNDERS ST. OWNERS LTD.	61-41 SAUNDERS ST	1310 feet to the WSW	Petroleum Bulk Storage Site
68	98-25 HORACE HARDING EXP.	98-25 HORACE HARDING EXP.	1311 feet to the NE	Closed Status Spill (Unk/Other Cause)
183	SUN VALLEY	63-73 SAUNDERS ST	1312 feet to the SSE	Hazardous Waste Generator/Transporter
12	OUR LADY OF ANGELS CHURCH	63063 98TH STREET	1481 feet to the ESE	Active Tank Test Failure
13	63-63 98TH ST./OUR LADY O	63063 98TH ST.	1481 feet to the ESE	Active Tank Test Failure
69	ATF OFFICE	97-45 QUEENS BLVD	1496 feet to the SE	Closed Status Spill (Unk/Other Cause)
25	MANHOLE #12285	JUNCTION BLVD & 57TH AVE	1557 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
26	MANHOLE 12285	JCT.BLVD & 57TH AVE	1557 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
70	MANHOLE 14147	JUNCTION BLVD/57TH AVE	1557 feet to the NNW	Closed Status Spill (Unk/Other Cause)
14	APARTMENT BLDG	63-36 98TH PLACE	1567 feet to the E	Active Tank Test Failure
45	RESIDENCE	96-04 57TH AVE	1586 feet to the N	Active Haz Spill (Misc. Spill Cause)
105	APARTMENT BLDG	96-04 57TH AVE	1586 feet to the N	Closed Status Spill (Misc. Spill Cause)
7		59TH AVE & 92ND ST	1627 feet to the WNW	Active Tank Failure
71	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1660 feet to the SE	Closed Status Spill (Unk/Other Cause)
72	94TH ST. & 57TH AVE.	94TH ST. & 57TH AVE.	1675 feet to the NW	Closed Status Spill (Unk/Other Cause)
53	58-14 92ND ST/QUNS/SHELL	58-14 92ND ST	1678 feet to the WNW	Closed Status Tank Test Failure
73	PARKING LOT	62ND DR/99TH ST	1697 feet to the ENE	Closed Status Spill (Unk/Other Cause)
46		93-06 63RD DR	1705 feet to the S	Active Haz Spill (Misc. Spill Cause)
106	PS 139	93-06 63RD DR	1705 feet to the S	Closed Status Spill (Misc. Spill Cause)

15	58-06 92 ST/QNS/SUNOCO	58-06 92 STREET	1739 feet to the WNW	Active Tank Test Failure
74	SUNOCO SERVICE STATION	5806 92 ST	1739 feet to the WNW	Closed Status Spill (Unk/Other Cause)
75		5814 92ND ST	1782 feet to the WNW	Closed Status Spill (Unk/Other Cause)
27	MANHOLE 12108	98TH ST AND 57TH AVE	1869 feet to the N	Active Haz Spill (Unknown/Other Cause)
16	RESIDENCE	99-40 63 RD	1888 feet to the E	Active Tank Test Failure
76	MANHOLE #19156	QUEENS BL & WOODHAVEN BL	1910 feet to the W	Closed Status Spill (Unk/Other Cause)
54	54-06 WOODHAVEN BLV/MOBIL	55-06 WOODHAVEN BLVD	1952 feet to the W	Closed Status Tank Test Failure
77	MANHOLE 4874	HOFFMAN DRIVE /WOODHAVEN	1975 feet to the W	Closed Status Spill (Unk/Other Cause)
78	64-85 SAUNDERS ST	64-85 SAUNDERS ST	1995 feet to the SE	Closed Status Spill (Unk/Other Cause)
79	98-30 57TH AVE	98-30 57TH AVE	2032 feet to the NNE	Closed Status Spill (Unk/Other Cause)
47	57TH AVE & 98TH PLACE	57TH AVE & 98TH PLACE	2039 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
17	QUEENS CENTER MALL	90-15 QUEENS BLVD	2055 feet to the WNW	Active Tank Test Failure
80	90-15 QUEENS BLVD	90-15 QUEENS BLVD	2055 feet to the WNW	Closed Status Spill (Unk/Other Cause)
107	55-25 97TH ST	55-25 97TH ST	2124 feet to the N	Closed Status Spill (Misc. Spill Cause)
55	56-25 92ST	CATHEDRAL PREP/56-25 92ST	2166 feet to the NW	Closed Status Tank Test Failure
28	MANHOLE 15104	55TH AV / 97TH ST	2176 feet to the N	Active Haz Spill (Unknown/Other Cause)
81	MANHOLE 15104	55TH AVE AT 97 STREET	2176 feet to the N	Closed Status Spill (Unk/Other Cause)
56	64-49 WETHEROLE ST/ARMCO	64-49 WETHEROLE STREET	2180 feet to the SSE	Closed Status Tank Test Failure
29	VACANT BUILDING	60-69 WOODHAVEN BLVD	2185 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
18	APT COMPLEX	64-85 BOOTH ST	2190 feet to the SSE	Active Tank Test Failure
19	60-50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2231 feet to the WSW	Active Tank Test Failure
82	60-50 WOODHAVEN BLVD.	60-50 WOODHAVEN BLVD.	2231 feet to the WSW	Closed Status Spill (Unk/Other Cause)
30	60-70 WOODHAVEN BLVD	60070 WOODHAVAN BLVD	2252 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
31	NEW TOWN PLAYGROUND	92ND ST & 56TH AV	2259 feet to the NW	Active Haz Spill (Unknown/Other Cause)
32	MANHOLE # 16533	55TH AVE/97TH PLACE	2269 feet to the N	Active Haz Spill (Unknown/Other Cause)
83	MANHOLE 16533	55TH AVE AND 97TH PL	2269 feet to the N	Closed Status Spill (Unk/Other Cause)
8	98-28 QUEENS BLVD	98-28 QUEENS BLVD	2280 feet to the SE	Active Tank Failure
20	90-02 QUEENS BLVD.	90-02 QUEENS BLVD	2320 feet to the W	Active Tank Test Failure
84	90TH STR & QUEENS BLVD	90TH ST & QUEENS BLVD	2321 feet to the W	Closed Status Spill (Unk/Other Cause)
85	MANHOLE 11470	100 SECOND ST/HORACE HARD	2358 feet to the ENE	Closed Status Spill (Unk/Other Cause)
33	MANHOLE #15105	55TH AVE & 98TH ST	2367 feet to the N	Active Haz Spill (Unknown/Other Cause)
34	MANHOLE 12109	98TH ST & 55TH AVE	2367 feet to the N	Active Haz Spill (Unknown/Other Cause)
86	MANHOLE # 12120	98TH ST/55TH AVE	2367 feet to the N	Closed Status Spill (Unk/Other Cause)
87	65-20 BOOTH ST	65-20 BOOTH ST	2425 feet to the SSE	Closed Status Spill (Unk/Other Cause)
57	61-01 WOODHAVEN BLV/GETTY	61-01 WOODHAVEN BLVD	2458 feet to the WSW	Closed Status Tank Test Failure
35	57TH AV	90 ST	2512 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
88	SIDEWALK	94TH ST / 54TH AVE	2523 feet to the NNW	Closed Status Spill (Unk/Other Cause)
108	65-61 SAUNDER ST.	65-61 SAUNDER ST.	2531 feet to the SE	Closed Status Spill (Misc. Spill Cause)
21	99-45 60TH AVE	99045 60TH AVE	2563 feet to the NE	Active Tank Test Failure
50	99-21 65TH AVE	99-21 65TH AVE	2574 feet to the ESE	Closed Status Tank Failure
109	SINRAM MARNIS/QUEENS BLVD	98-51 QUEENS BLVD	2595 feet to the SE	Closed Status Spill (Misc. Spill Cause)
110	102-28 63RD AVE. / QUEENS	102-28 63RD AVE.	2596 feet to the E	Closed Status Spill (Misc. Spill Cause)
89	MANHOLE 11918 55TH AVE AN	D 49 FEET WEST OF 99TH ST	2625 feet to the NNE	Closed Status Spill (Unk/Other Cause)
4	APPLE CONTAINER T.S.	50-50 98TH ST.	3214 feet to the N	Solid Waste Facility
1	PEERLESS INSTRUMENT CO.	CORONA AVENUE AND 90 ST.	4540 feet to the NW	CERCLIS Site
2	PEERLESS INSTRUMENT CO., INC.	90-15 CORONA AVE.	4540 feet to the NW	Hazardous Substance Waste Disposal Site

Identified Toxic Sites by Category

Junction Blvd, Rego Park
Rego Park, NY 11374

* Compass directions can vary substantially for sites located very close to the subject property address.

CERCLIS Sites

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	1556885	PEERLESS INSTRUMENT CO.	CORONA AVENUE AND 90 ST.	4540 feet to the NW

Hazardous Substance Waste Disposal Sites

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2		PEERLESS INSTRUMENT CO., INC.	90-15 CORONA AVE.	4540 feet to the NW

Solid Waste Facilities

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
3		UNKNOWN	JUNCTION AVE. & 63RD DR.	995 feet to the SSE
4	41T20	APPLE CONTAINER T.S.	50-50 98TH ST.	3214 feet to the N

Active Tank Failures

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
5	9701331	PARK CITY APTS INC	97-07 63RD RD	981 feet to the SE
6	9008859	96-27 QUEENS BLVD/QUEENS	96027 QUEENS BLVD	1046 feet to the SSE
7	0106384		59TH AVE & 92ND ST	1627 feet to the WNW
8	9302877	98-28 QUEENS BLVD	98-28 QUEENS BLVD	2280 feet to the SE

Active Tank Test Failures

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
9	9912721	PUBLIC SCHOOL 206-Q	61-21 97TH PL	863 feet to the NE
10	9213614	61-21 97TH PL.	61021 97TH PL.	863 feet to the NE
11	0013054	PS #206 SCHOOL	61-21 97TH PLACE	863 feet to the NE
12	9502729	OUR LADY OF ANGELS CHURCH	63063 98TH STREET	1481 feet to the ESE
13	8706403	63-63 98TH ST./OUR LADY O	63063 98TH ST.	1481 feet to the ESE
14	9801177	APARTMENT BLDG	63-36 98TH PLACE	1567 feet to the E
15	8900690	58-06 92 ST/QNS/SUNOCO	58-06 92 STREET	1739 feet to the WNW
16	0011383	RESIDENCE	99-40 63 RD	1888 feet to the E
17	9704986	QUEENS CENTER MALL	90-15 QUEENS BLVD	2055 feet to the WNW
18	9802245	APT COMPLEX	64-85 BOOTH ST	2190 feet to the SSE
19	9208276	60-50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2231 feet to the WSW
20	8801243	90-02 QUEENS BLVD.	90-02 QUEENS BLVD	2320 feet to the W
21	9106077	99-45 60TH AVE	99045 60TH AVE	2563 feet to the NE

Active Haz Spills (Unknown Causes & Other Causes)

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
22	9701642	AT&T REGO PARK	94-03 QUEENS BLVD	843 feet to the WSW
23	0008926	PS 206	61-21 97TH PLACE	863 feet to the NE
24	0008922	PUBLIC SCHOOL 206	61-21 97 PL	863 feet to the NE
25	9910833	MANHOLE #12285	JUNCTION BLVD & 57TH AVE	1557 feet to the NNW
26	9910815	MANHOLE 12285	JCT.BLVD & 57TH AVE	1557 feet to the NNW
27	9808917	MANHOLE 12108	98TH ST AND 57TH AVE	1869 feet to the N
28	9911060	MANHOLE 15104	55TH AV / 97TH ST	2176 feet to the N
29	9909795	VACANT BUILDING	60-69 WOODHAVEN BLVD	2185 feet to the WSW
30	9205605	60-70 WOODHAVEN BLVD	60070 WOODHAVAN BLVD	2252 feet to the WSW
31	9709813	NEW TOWN PLAYGROUND	92ND ST & 56TH AV	2259 feet to the NW

32	9910976	MANHOLE # 16533	55TH AVE/97TH PLACE	2269 feet to the N
33	9910901	MANHOLE #15105	55TH AVE & 98TH ST	2367 feet to the N
34	9808916	MANHOLE 12109	98TH ST & 55TH AVE	2367 feet to the N
35	9807594	57TH AV	90 ST	2512 feet to the WNW

Active Haz Spills (Miscellaneous Spill Causes)

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
36	0106138	ROADWAY	LIE & JUNCTION BLVD	436 feet to the NNW
37	0105265		LIE WEST @ JUNCTION BLVD	436 feet to the NNW
38	9911900	VAULT 1097	97TH ST HORACE HARDING	635 feet to the NE
39	9807782	CON ED STREET VAULT	62ND DRIVE & QUEENS BLVD	707 feet to the SSW
40	0103078	62ND RD SUBSTATION	62ND RD QUEENS BL	763 feet to the SW
41	9605935	SIDEWALK FILL BOX	AT&T 94-03 QUEENS BLVD	843 feet to the WSW
42	9907426		62ND AVE & QUEENS BLVD	874 feet to the WSW
43	8911293	62-98 SAUNDERS ST/QUEENS	62098 SAUNDERS STREET	1057 feet to the SSW
44	9413405	6320 SAUNDERS STREET	6320 SAUNDERS STREET	1078 feet to the SSW
45	9701941	RESIDENCE	96-04 57TH AVE	1586 feet to the N
46	9812487		93-06 63RD DR	1705 feet to the S
47	9605067	57TH AVE & 98TH PLACE	57TH AVE & 98TH PLACE	2039 feet to the NNE

Closed Status Tank Failures

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
48	9412400	ALEXANDER'S INC.	QUEENS BLVD / 63RD RD.	842 feet to the SSE
49	9401907	96-05 QUEENS BLVD.	96-05 QUEENS BLVD	842 feet to the SSE
50	9509827	99-21 65TH AVE	99-21 65TH AVE	2574 feet to the ESE

Closed Status Tank Test Failures

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
51	9202690	96-27 QUEENS BLVD	96-27 QUEENS BLVD	1046 feet to the SSE
52	9106704	97-34 63RD RD/CLEANERS	97-34 63RD RD/CLEANERS	1094 feet to the ESE
53	8708776	58-14 92ND ST/QUNS/SHELL	58-14 92ND ST	1678 feet to the WNW
54	9008071	54-06 WOODHAVEN BLV/MOBIL	55-06 WOODHAVEN BLVD	1952 feet to the W
55	8704288	56-25 92ST	CATHEDRAL PREP/56-25 92ST	2166 feet to the NW
56	8806641	64-49 WETHEROLE ST/ARMCO	64-49 WETHEROLE STREET	2180 feet to the SSE
57	8801981	61-01 WOODHAVEN BLV/GETTY	61-01 WOODHAVEN BLVD	2458 feet to the WSW

Closed Status Spills (Unknown Causes & Other Causes)

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
58	9406556	9605 L.I.E.& JUNCTION BLV	9605 LIE & JUNCTION BLVD	618 feet to the N
59	0009954	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	715 feet to the SSW
60	0002217	MANHOLE# 2730	63RD AV/SAUNDERS AV	1028 feet to the SSW
61	0105978	MANHOLE 1260	9627 QUEENS BLVD	1046 feet to the SSE
62	9313862	96-33 QUEENS BLVD.	96-33 QUEENS BLVD.	1059 feet to the SSE
63	0010145	ROADWAY	96-37 QUEENS BLVD	1066 feet to the SSE
64	9410738	BOWERY BAY REGULATOR	98TH ST LIE SVCE ROAD	1107 feet to the NE
65	8605878	98 ST.& L.I.E. QUEENS/RAW		1123 feet to the NE
66	0104102	MANHOLE #1261	63RD DR & QUEENS BLVD	1209 feet to the SSE
67	0009955	MANHOLE #1260	QUEENS BLVD & 63RD DR	1209 feet to the SSE
68	9412080	98-25 HORACE HARDING EXP.	98-25 HORACE HARDING EXP.	1311 feet to the NE
69	9909644	ATF OFFICE	97-45 QUEENS BLVD	1496 feet to the SE
70	9907253	MANHOLE 14147	JUNCTION BLVD/57TH AVE	1557 feet to the NNW
71	9113255	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1660 feet to the SE
72	9213559	94TH ST. & 57TH AVE.	94TH ST. & 57TH AVE.	1675 feet to the NW

73	0103714	PARKING LOT	62ND DR/99TH ST	1697 feet to the ENE
74	9902272	SUNOCO SERVICE STATION	5806 92 ST	1739 feet to the WNW
75	9911094		5814 92ND ST	1782 feet to the WNW
76	0106448	MANHOLE #19156	QUEENS BL & WOODHAVEN BL	1910 feet to the W
77	0011090	MANHOLE 4874	HOFFMAN DRIVE /WOODHAVEN	1975 feet to the W
78	9504463	64-85 SAUNDERS ST	64-85 SAUNDERS ST	1995 feet to the SE
79	0005157	98-30 57TH AVE	98-30 57TH AVE	2032 feet to the NNE
80	9613982	90-15 QUEENS BLVD	90-15 QUEENS BLVD	2055 feet to the WNW
81	9911178	MANHOLE 15104	55TH AVE AT 97 STREET	2176 feet to the N
82	9208209	60-50 WOODHAVEN BLVD.	60-50 WOODHAVEN BLVD.	2231 feet to the WSW
83	0001268	MANHOLE 16533	55TH AVE AND 97TH PL	2269 feet to the N
84	9408301	90TH STR & QUEENS BLVD	90TH ST & QUEENS BLVD	2321 feet to the W
85	0009104	MANHOLE 11470	100 SECOND ST/HORACE HARD	2358 feet to the ENE
86	0011590	MANHOLE # 12120	98TH ST/55TH AVE	2367 feet to the N
87	9504462	65-20 BOOTH ST	65-20 BOOTH ST	2425 feet to the SSE
88	9712123	SIDEWALK	94TH ST / 54TH AVE	2523 feet to the NNW
89	0103436	MANHOLE 11918 55TH AVE AN	D 49 FEET WEST OF 99TH ST	2625 feet to the NNE

Closed Status Spills (Miscellaneous Spill Causes)

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
90	9901045		LI EXPRESSWAY/JUNCTION BL	436 feet to the NNW
91	9813989	VAULT #1854	97TH ST & HORACE HARDING	635 feet to the NE
92	8710666	REGULATOR #11/QUEENS	94TH ST & LONG ISLAND EXP	959 feet to the NW
93	9302777	6295 SOUNDERS ST	6295 SOUNDRS ST	996 feet to the SSW
94	9600772	JD BAKERY	97-20 63 RD	1066 feet to the SE
95	9213707	97-20 63RD RD.	97-20 63RD RD.	1066 feet to the SE
96	9713548	9637 QUEENS BLVD	9637 QUEENS BLVD	1066 feet to the SSE
97	9011121	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE
98	9009240	96-37 QUEENS BLVD/QUEENS	96-37 QUEENS BLVD	1066 feet to the SSE
99	9010912	BOWERY BAY REGULATOR #18	98TH ST&HORACE HARDING EX	1107 feet to the NE
100	9402911	BOWERY BAY REGULATOR #22	98TH STREET- L.I.E.	1123 feet to the NE
101	9301301	63 AVE(SUBWAY STATION)	63 AVENUE (SUBWAY STATION	1132 feet to the SSE
102	9004941	94-11 59TH AVE/QUEENS	94011 59TH AVENUE	1176 feet to the NW
103	9010028	96=66 QUEENS BLVD/QUEENS	96-66 QUEENS BLVD	1178 feet to the SSE
104	9001614	97-25 63RD DRIVE/QUEENS	97-25 63RD DRIVE	1192 feet to the SE
105	9708811	APARTMENT BLDG	96-04 57TH AVE	1586 feet to the N
106	9812486	PS 139	93-06 63RD DR	1705 feet to the S
107	9510872	55-25 97TH ST	55-25 97TH ST	2124 feet to the N
108	9312070	65-61 SAUNDER ST.	65-61 SAUNDER ST.	2531 feet to the SE
109	8804495	SINRAM MARNIS/QUEENS BLVD	98-51 QUEENS BLVD	2595 feet to the SE
110	8607816	102-28 63RD AVE. / QUEENS	102-28 63RD AVE.	2596 feet to the E

Petroleum Bulk Storage Sites

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
111	2-341649	AT&T REGO PARK	94-03 QUEENS BOULEVARD	570 feet to the SW
112	2-208604	PARK PLAZA	61-25 97 ST	609 feet to the NE
113	2-115029	LSS LEASING CORP #1	96-05 HORACE HARDING BLVD	611 feet to the N
114	2-602065	PARK PLAZA OWNER'S INC.	61-15 97TH STREET	624 feet to the NE
115	2-305820	REGO REALTY	95-08 QUEENS BLVD	732 feet to the SSW
116	2-115525	ARGENTINE LEASING LIMITED PARTNERSHIP	97-05 HORACE HARDING EXPRESS WAY	821 feet to the NNE
117	2-352721	PUBLIC SCHOOL 206	61-21 97TH PLACE	857 feet to the NE
118	2-084611	ALEXANDER'S INC.	95-21 63RD RD	864 feet to the SSE
119	2-329290	REGO PARK GARDENS	94-30 60TH AVENUE	880 feet to the NW

120	2-115339	COLOMBIA LEASING LIMITED PARTNERSHIP	97-15 HORACE HARDING BLVD	900 feet to the NNE
121	2-603338	LOST BATTALION HALL	93-29 QUEENS BLVD.	907 feet to the WSW
122	2-283215	94-10 ASSOCIATES	94-10 60TH AVE	917 feet to the NW
123	2-346683	CLEAR HOLDING CO.	94-10 60TH AVE	917 feet to the NW
124	2-289922	93-54 QUEEN BLVD	93-54 QUEENS BLVD	925 feet to the WSW
125	2-200158	93-40 QUEENS BLVD	93-40 QUEENS BLVD	935 feet to the WSW
126	2-332917	REGO PARK GARDENS CONDOMINIUM	94-11 60 AVE	953 feet to the NW
127	2-148636	HAMPTON HOUSE	93-10/24 QUEENS BLVD	959 feet to the WSW
128	2-272353	PARK CITY 3&4 APARTMENTS, INC.	97-07 63RD ROAD	988 feet to the SE
129	2-332577	REGO REALTY	62-65 SAUNDERS ST	1001 feet to the SW
130	2-359564	REGO REALTY	62-95 SAUNDERS ST	1002 feet to the SSW
131	2-332585	REGO REALTY	63-07 SAUNDERS ST	1008 feet to the SSW
132	2-096423	M & L JACOBS INC	62-82 SAUNDERS STREET	1043 feet to the SSW
133	2-147397	JUPITER COURT CORP.	62-64 SAUNDERS ST	1047 feet to the SW
134	2-602375	MARION COURT EQUITIES CORP.	62-98 SAUNDERS STREET	1051 feet to the SSW
135	2-157139	EXXONMOBIL S/S #17-GBR	96-27 QUEENS BLVD	1051 feet to the SSE
136	2-305944	REGO REALTY	63-25 SAUNDERS ST	1055 feet to the S
137	2-242659	SAUNDERS APARTMENTS, INC.	63-109 SAUNDERS STREET	1057 feet to the SSW
138	2-342491	PARK CITY ESTATES TENANTS CORP	61-45 98TH ST	1086 feet to the ENE
139	2-329282	REGO PARK GARDENSCONDOMINIUM	94-30 59TH AVENUE	1098 feet to the NW
140	2-342483	PARK CITY ESTATES	61-25 98TH ST	1101 feet to the NE
141	2-605419	SANDERS OWNERS CORP	63-45 SAUNDERS ST	1160 feet to the S
142	2-213985	CALMAR	92-40 QUEENS BLVD	1164 feet to the W
143	2-273252	97-11 63RD DRIVE APTS. OWNERS, CORP.	97-11 63RD DRIVE	1164 feet to the SE
144	2-600151	97-11 63RD DRIVE	97-11 63RD DRIVE	1164 feet to the SE
145	2-196282	94-11 59TH AVE	94-11 59TH AVE	1170 feet to the NW
146	2-600132	94-11 59TH AVENUE	94-11 59TH AVENUE	1170 feet to the NW
147	2-115355	CEYLON LEASING LTD PARTNERSHIP	98-15 HORACE HARDING BLVD	1245 feet to the NE
148	2-600270	RITE AID STORE #4866	95-14 63RD DRIVE	1250 feet to the SSE
149	2-114987	98-25 HORACE HARDING BLVD	98-25 HORACE HARDING BLVD	1308 feet to the NE
150	2-062111	SAUNDERS ST. OWNERS LTD.	61-41 SAUNDERS ST	1310 feet to the WSW

Hazardous Waste Generators, Transporters

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
151	NYP004000378	CONSOLIDATED EDISON	V350-JUNCTION BLVD & LI EXPWY	436 feet to the NNW
152	NYP004003661	CONSOLIDATED EDISON CO	HH EXPY AND JUNCTION V7713	436 feet to the NNW
153	NYP004013579	CONSOLIDATED EDISON CO VS8161	LIE AND JUNCTION	436 feet to the NNW
154	NYT370011694	AT & T LONG LINES NYD980645816	94-03 QUEENS BLVD.	570 feet to the SW
155	NYD980645816	AT&T COMMUNICATIONS- REGO PARK	94-03 QUEENS BLVD	570 feet to the SW
156	NYP010001931	NEW YORK CITY DEP	96-05 HORACE HARDING EXPWY	623 feet to the N
157	NYD987037587	NYC DEP-AIR NOISE & MATERIALS LAB	96-05 HORACE HARDING EXPWY	623 feet to the N
158	NYP003660792	NYCDEP	96-05 HORACE HARDING EXP	623 feet to the N
159	NYP003660685	NYC DEP	96-05 HORACE HARDING EXPWY	623 feet to the N
160	NYP003660610	NYCDEP	96-05 HORACE HARDING EXPWY	623 feet to the N
161	NYP004050035	CONSOLIDATED EDISON	V1097-6115 97TH ST	624 feet to the NE
162	NYP004036984	CONSOLIDATED EDISON	V3221-97TH & HOARCE HARDING EX	635 feet to the NE
163	NYP000929505	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE
164	NYP000929521	CONSOLIDATED EDISON	LONG ISLAND EXP & 97TH ST	688 feet to the NNE
165	NYP004030110	CONSOLIDATED EDISON COMPANY OF NEW YORK	V4004-62 DR & QUEENS BLVD	707 feet to the SSW
166	NYR000010900	NYC BOARD OF EDUCATION	61-21 97TH PLACE	857 feet to the NE
167	NYD051853216	ALEXANDERS REGO PARK	96-05 QUEENS BLVD	866 feet to the SSE
168	NYP010001196	NEW YORK CITY DEPTOF ENVIRONMENTAL PROT	60TH & 94TH ST	959 feet to the NW
169	NYP010001386	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	59-17 JUNCTION BLLVD	1032 feet to the NNW

170	NYP010000867	NEW YORK CITY DEPT OF ENVIRONMENTAL	PROTECTION 59-17 JUNCTION BLVD	1032 feet to the NNW
171	NYP010001212	NEW YORK CITY DEPT ENV PROTECTION	59-17 JUNCTION BLVD	1032 feet to the NNW
172	NYD981493471	EVERGREEN DRY CLEANERS	97-14 63RD ROAD	1049 feet to the SE
173	NYD982181984	MOBIL OIL CORPORATION	17 GBR 96-27 QUEENS BLVD	1051 feet to the SSE
174	NYP000911651	NEW YORK TELPHONE	IN FRONT OF 96-16QUEENS BLVD	1097 feet to the SSE
175	NYP004037750	CONSOLIDATED EDISON	V383-SOYNDERS & 62ND AVE	1156 feet to the WSW
176	NYP000793067	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE
177	NYP000909945	NYNEX	QUEENS BLVD & 63RD DR	1209 feet to the SSE
178	NYD982538548	ALVA CLEANERS	97-16 63RD DRIVE	1219 feet to the SE
179	NY7180011374	US POSTAL SERVICE	92-24 QUEENS BLVD	1226 feet to the W
180	NYP000933325	NYNEX	QUEENS BLVD & ELLIST AVE	1227 feet to the W
181	NYD981075245	CLEAN LAND CLEANERS	97-34 63RD DRIVE	1262 feet to the SE
182	NYD981079759	ANDRE FRENCH DRY CLEANING	97-07 64TH AVENUE	1277 feet to the SE
183	NYD053971172	SUN VALLEY	63-73 SAUNDERS ST	1312 feet to the SSE

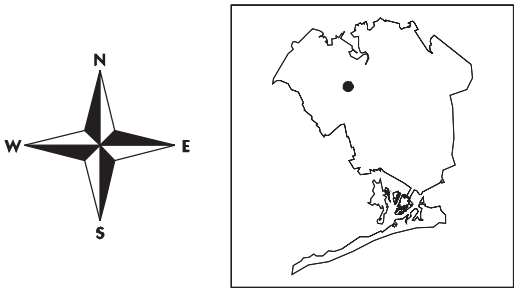
Air Discharge Sites

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
184	3608100797	PARK PLAZA TENANTS	61-25 97TH STREET	616 feet to the NE
185	3608180178	PARK PLAZA TENANTS	61-25 97TH ST	616 feet to the NE
186	3608100060	LEFRAK CITY	9705 HORACE HARDING EXPY	820 feet to the NNE
187	NY081X1XU	ALEXANDERS INC	96-05 QUEENS BOULEVARD	849 feet to the SSE
188	36081N1213	PARK CITY III & IV APT.I	97-07 63 RD.	987 feet to the SE
189	3608100708	DILMAC HOLDING	62-95 SAUNDERS STREET	989 feet to the SSW
190	NY081X12N	FULLER TOOL CO.	62-95 SAUNDERS STREET	989 feet to the SSW
191	3608103024	DILMAC HOLDING	62-95 SAUNDERS	989 feet to the SSW
192	3608100184	MOBIL	96-27 QUEENS BLVD	1043 feet to the SSE
193	3608100394	QUEENS 63 SERVICE STATION	9627 QUEENS BLVD	1043 feet to the SSE
194	3608100720	ALVA FRENCH CLEANER	97-16 63 ROAD	1064 feet to the SE
195	36081P0024	PARK CITY ESTATES TENANTS CORP	6155 98TH ST	1094 feet to the ENE
196	3608103036	ALVA FRENCH CLEANERS	97-16 63RD DR	1230 feet to the SE
197	3608100847	ANDRE DRY CLEANERS	97-07 64TH AVENUE	1284 feet to the SE

Toxics Targeting
1 Mile Radius Map

Junction Blvd, Rego Park

Rego Park, NY 11374



- NPL/CERCLIS/NYSDEC Inactive Hazardous Waste Disposal Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Major Oil Storage Facility

- Site Location
- Waterbody
- Minor Roads
- Major Roads
- County Border
- Expressways
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

Distance in Miles: 1 | 0 | 1/8 | 1/4 | 1/2 | 1

Toxics Targeting
1/2 Mile Radius Map

Junction Blvd, Rego Park

Rego Park, NY 11374



Junction Blvd, Rego Park

MTBE Gasoline Additive Spill

Hazardous Material Spill

Site Location

Waterbody

Minor Roads

Major Roads

Expressways

1 Mile Radius

1/4 Mile Radius

County Border

Railroad Tracks

1/2 Mile Radius

1/8 Mile Radius

1/2 0 1/16 1/8 1/4 1/2

Distance in Miles

Toxics Targeting
1/4 Mile Radius Map

Junction Blvd, Rego Park

Rego Park, NY 11374



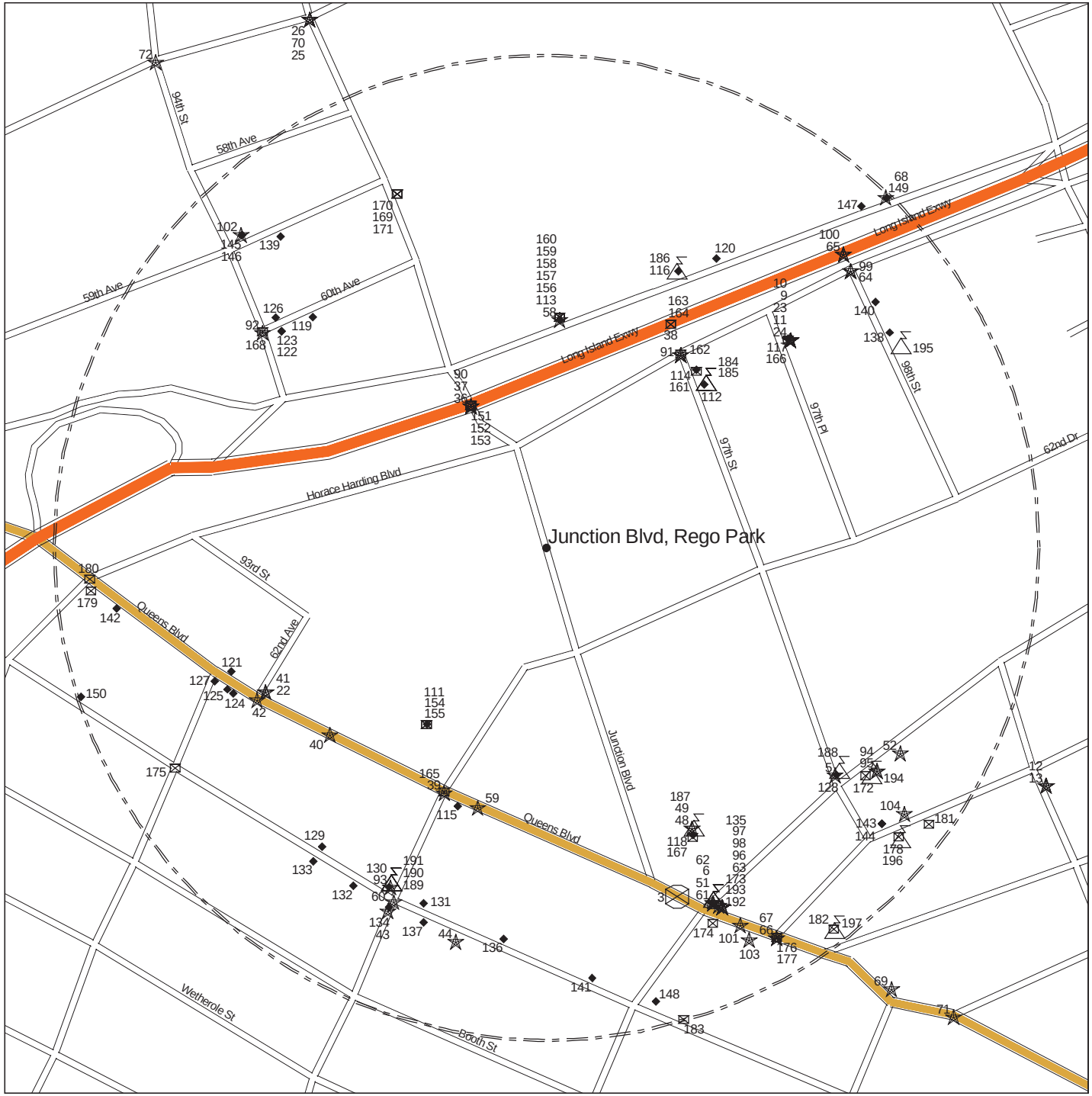
Junction Blvd, Rego Park

94th St
58th Ave
59th Ave
60th Ave
Long Island Expwy
Horace Harding Blvd
62nd Dr
97th Pl
97th St
98th St
93rd St
62nd Ave
63rd Ave
Junction Blvd
Queens Blvd
Wetherole St
Booth St

- Chemical Storage Facility
- Hazardous Waste Generator, Transp.
- Toxic Release
- Air Release
- Wastewater Discharge
- Historic Utility Site
- Civil Enforcement Docket Facility
- Petroleum Bulk Storage Facility
- Site Location
- Waterbody
- Minor Roads
- Major Roads
- Expressways
- 1 Mile Radius
- 1/4 Mile Radius
- County Border
- Railroad Tracks
- 1/2 Mile Radius
- 1/8 Mile Radius

1/4 0 1/8 1/4

Distance in Miles



Toxics Targeting
1/4 Mile Closeup Map

Junction Blvd, Rego Park

Rego Park, NY 11374





Queens County

- NPL/CERCLIS/NYSDEC Inactive Hazardous Waste Disposal Site *
- Hazardous Waste Treater, Storer, Disposer *
- MTBE Gasoline Additive Spill
- Hazardous Substance Waste Disposal Site *
- Solid Waste Facility *
- Major Oil Storage Facility *
- Hazardous Material Spill **
- Chemical Storage Facility ***
- Hazardous Waste Generator, Transp. ***
- Toxic Release ***
- Air Release ***
- Wastewater Discharge ***
- Historic Utility Site ***
- Civil Enforcement Docket Facility ***
- Petroleum Bulk Storage Facility ***
- Site Location
- Waterbody
- Minor Roads
- Major Roads
- Expressways
- 1 Mile Radius
- 1/4 Mile Radius
- County Border
- Railroad Tracks
- 1/2 Mile Radius
- 1/8 Mile Radius

* 1 Mile Search Radius

** 1/2 Mile Search Radius

*** 1/4 Mile Search Radius

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code (This information does not appear in the headings for Inactive Hazardous Waste Disposal Sites).
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see ***How Sites are Located***, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers;
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites (A complete description of the codes follows the profiles section).

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity**: Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity**: The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity**: The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive toxicity**: May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced)

IRRIT TOX: **Primary Irritant**: The chemical can cause eye or skin irritation

MCL: **Drinking Water Standard - Maximum Contaminant Level** (MCL) listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications: 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;

2 -- Significant threat to the public health or environment -- action required;

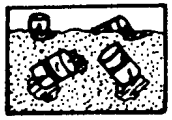
3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;

4 -- Site properly closed --requires continued management;

5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;

2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law.

$D_{1, 2, 3}$ -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed)



**** NPL/CERCLIS/INACTIVE HAZARDOUS WASTE DISPOSAL SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1 **PEERLESS INSTRUMENT CO.** **EPA Facility Id: NYD001556885**
CORONA AVENUE AND 90 ST. ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 4540 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: CORONA AVENUE/90TH ST
Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY -

****

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD001556885 Site-ID: 0203086
Site Name: PEERLESS INSTRUMENT CO.
Site Street: CORONA AVENUE AND 90 ST.
Site City/State/Zip: ELMHURST, NY 11373

NFRAP (No Further Remedial Activity Planned) Indicator: NO FURTHER REMEDIAL ACTION PLANNED

Owner Indicator: Unknown
Incident Type:
Incident Category:
Non-NPL Status: NFRAP
Federal Facility Flag: Not a Federal Facility

NPL Status Indicator: Not on the NPL
USGS Hydrological Unit: 02030201
RCRA Flag: ENVIRON PRIORITY INITIATIVE

SITE ALIAS INFORMATION

Alias Name: PEERLESS INSTRUMENT CO. Alias ID: 101
Alias Street: NY
Alias City/State/Zip: QUEENS

OPERABLE UNIT INFORMATION

Operable Unit ID: 00 Operable Unit Name: SITEWIDE

ACTION INFORMATION

Name: DISCOVERY Current Plan Start Date:

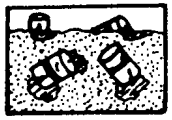
Lead:	EPA Fund-Financed	Current Plan Completion Date:	
Qualifier:		Actual Start Date:	
Category:		Actual Completion Date:	19890313
Planning Status:		Operable Unit ID:	00
Anomaly Indicator:		Financial Budget Source:	
IFMS Entry:	No Entry into IFMS		

Name:	PRELIMINARY ASSESSMENT	Current Plan Start Date:	
Lead:	EPA Fund-Financed	Current Plan Completion Date:	
Qualifier:	NFRAP (No Futher Remedial Action Planned)	Actual Start Date:	
Category:		Actual Completion Date:	19890918
Planning Status:		Operable Unit ID:	00
Anomaly Indicator:		Financial Budget Source:	Remedial
IFMS Entry:	Both Intramural and Extramural Entry into IFMS		

Name:	ARCHIVE SITE	Current Plan Start Date:	
Lead:	EPA In-House	Current Plan Completion Date:	
Qualifier:		Actual Start Date:	
Category:		Actual Completion Date:	19981104
Planning Status:		Operable Unit ID:	00
Anomaly Indicator:		Financial Budget Source:	
IFMS Entry:	No Entry into IFMS		

FINANCIAL INFORMATION

No financial information was provided



**** HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 2 **PEERLESS INSTRUMENT CO., INC.** **Site Number Id: HS2037** **Registry ID N**
90-15 CORONA AVE. ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 4540 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9015 CORONA AVE.
Revised zip code: NO CHANGE

****

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Hazardous Waste Remediation
Hazardous Substance Waste Disposal Site Study

Inventory Status: Currently Listed in the Hazardous Substance Inventory

SITE INFORMATION

Site Name: PEERLESS INSTRUMENT CO., INC.
Site Street: 90-15 CORONA AVE.
Site City: ELMHURST
Site Zip: 11373
Region: 2

Site Number: HS2037
Registry: No
Registry Site ID: None
RCRA: Unknown
EPA ID: NYD001556885

US EPA No Further Remedial Action Planned? Unknown

Site Code: 1
Description: INDUSTRIAL SITE

Acres: 0.00
Completed Investigation? PA
Is Site Active: No
Years of Operation: 1947 to 1986

Quadrangle: Unknown
HRS Score: Unknown
HRS Date: Unknown

Site Description:
Previously built precision instruments for aircraft and submarines.

Owner: Private
Owner Name: AMF MACHINE CORP.
Owner Street: 90-15 CORONA AVE.
Owner City/ZIP/State: ELMHURST, NY 11373
Owner Telephone: Unknown

Operator: Private
Operator Name: PEERLESS INSTRUMENT CO., INC.
Operator Street: SAME
Operator City/ZIP/State:
Operator Telephone: Unknown

SITE IMPACT DATA

Affected Media:

		Hazardous Substance Exposed?	Unknown
Contamination of...		Controlled Site Access?	Unknown
...Surface Water?	Unknown	Ambient Air Contamination?	Unknown
...Groundwater?	Unknown	Threat of Direct Contact?	Unknown
...Drinking Water?	No	Documented Fish or Wildlife Mortality?	No
Surface Water Class:	Unknown	Impact on Special Status Fish or Wildlife Resource?	No
Groundwater Class:	Unknown	Active Drinking Water Supply?	Unknown

Descriptions:

Surface Water: None provided

Groundwater:
The nearest groundwater depth is 39 feet below the surface.

Drinking Water:
The nearest water supply distance is 3.6 miles away.

Fish or Wildlife Mortality: None provided
Special Status Fish or Wildlife Resource: None provided
Building: None provided

THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH

Threat to the Environment or the Public Health: Environment/Public Health

Threat Posed by Disposed Hazardous Substance:
Low concentrations of phenol, lead, cadmium, and hexavalent chromium were detected in soil underlying concrete floor. Risk of Direct contact by employees and potential migration to groundwater.

HAZARDOUS SUBSTANCES DISPOSED:

VOCs: No Semi-VOCs: Yes PCBs: No Pesticides: No Metals: Yes Asbestos: No

Hazardous Substances Disposed:
Lead, chromium, fluoride, phenols, oil & grease, cyanide, copper, cadmium, arsenic, barium, hexavalent chromium, mercury, selenium, silver

SELECTED ANALYTICAL INFORMATION:

Samples Collected:
Subsurface Soil

Air: None provided
Surface Water: None provided
Surface Soil: None provided
Waste: None provided
EPToxicity: None provided
Groundwater: None provided
Sediment: None provided

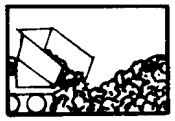
Subsurface Soil:
cyanide .20mg/l, copper .12mg/l, nickel .05mg/l, cadmium .04mg/l, silver .01mg/l

Leachate: None provided
TCLP: None provided

AGENCY INFORMATION:

Regulatory Agencies Involved:
NYSDEC USEPA

Preparer:
Julie Welch NYSDEC, Intern, RPI Env. Eng. Tech. 1 February 15, 1994



**** SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 3 **UNKNOWN**
JUNCTION AVE. & 63RD DR. QUEENS

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 995 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION AVE / 63RD DR
Revised zip code: 11374

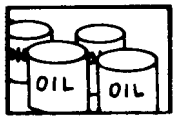
1934 New York City municipal waste disposal site --- Cubic yards dumped in 1934: 436671

Map Identification Number 4 **APPLE CONTAINER T.S.** **Facility Id: 41T20**
50-50 98TH ST. CORONA

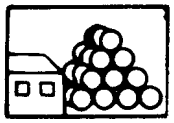
MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 3214 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 5050 98TH STREET
Revised zip code: NO CHANGE

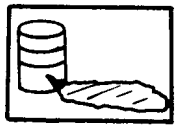
PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		LARGE TRANSFER STATION (>50000 CY/YR)	None	Residential



**** NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1 MILE SEARCH RADIUS ****



**** NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1 MILE SEARCH RADIUS ****



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

1) Tank Failures
2) Tank Test Failures
3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
4) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

5) Tank Failures
6) Tank Test Failures
7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
8) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, and Vandalism.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in Manhattan) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile, only the following spills are mapped and profiled:

* Tank Failures;

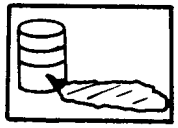
* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellanous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 5 **PARK CITY APTS INC** **Spill Number: 9701331** **Close Date:**
97-07 63RD RD REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 981 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9707 63RD RD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: RESPONSIBLE PARTY
Caller Name: JOE GAGEN
DEC Investigator: MUNTEANU

Spiller: PARK CITY APTS INC
Notifier Name: JOE GAGEN
Caller Agency: PARK CITY APTS INC
Contact for more spill info: JOE GAGEN

Spiller Phone: (718) 897-2000
Notifier Phone: (718) 897-2000
Caller Phone: (718) 897-2000
Contact Person Phone: (718) 897-2000

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;UNABLE/UNWILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/28/1997		TANK FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: soil samples were taken from area of old underground tanks samples show contaimined soil - aquatera envir did the testing

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 6 **96-27 QUEENS BLVD/QUEENS** **Spill Number: 9008859** **Close Date:**
96027 QUEENS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1046 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: RESPONSIBLE PARTY
Caller Name: SCOTT GOTTSCHALL
DEC Investigator: SIGONA

Spiller: MOBIL
Notifier Name:
Caller Agency: MOBIL
Contact for more spill info:

Spiller Phone: (718) 897-4495
Notifier Phone:
Caller Phone: (703) 849-5319
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/13/1990		TANK FAILURE	2-157139	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	POUNDS	NO	0.00	POUNDS	NO

Caller Remarks: CONTAMINATED SOIL DISCOVERED DURING TANK REMOVALS (2) 4K STEEL TANKS, 10YDS OF SOIL TO BE ANALYZED,STOCKPILED & DISPOSED OF.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 7 **Spill Number: 0106384** **Close Date:**

59TH AVE & 92ND ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1627 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 59TH AVE / 92ND ST
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: OTHER
Caller Name:
DEC Investigator: TIPPLE

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info: ANDREW RUDKO

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 340-9815

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/17/2001		TANK FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: this is a historical spill - unk when it occurred - site was old gas station now a city owned parking lot.

DEC Investigator Remarks:

9/17/01 PROPERTY IS CURRENTLY A MUNICIPAL PARKING LOT. SALE OF THIS PROPERTY IS PENDING. ONCE THE SALE IS COMPLETE THE CLEANUP WILL COMMENCE.

Map Identification Number 8 **98-28 QUEENS BLVD** **Spill Number: 9302877** **Close Date:**
98-28 QUEENS BLVD
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2280 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9828 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: OTHER
Caller Name: KINT BABCOCK
DEC Investigator: MULQUEEN

Spiller: BUDGET RENT A CAR
Notifier Name:
Caller Agency: ENVIR VISION
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (914) 268-6660
Contact Person Phone:

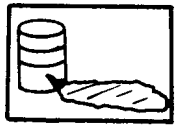
Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/02/1993		TANK FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	0	UNKNOWN	NO	0	UNKNOWN	NO

Caller Remarks: REMOVAL OF US AND CONTAMINATED SOIL 2000 GASOLINE TO BE REPLACED BY 2 NEW TANKS STOCKPILED.

DEC Investigator Remarks: WAS BATISTA SPILL. NO INFO AVAILABLE.



ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 9 **PUBLIC SCHOOL 206-Q** **Spill Number: 9912721** **Close Date:**
61-21 97TH PL REGAL PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 863 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL Spiller: BOARD OF ED Spiller Phone: (718) 271-8739
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: O'DOWD Contact for more spill info: MR JOHNSON Contact Person Phone: (718) 271-8739

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
02/07/2000		TANK TEST FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#4 FUEL OIL	PETROLEUM	0	GALLONS	NO	0	GALLONS	NO

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	HORNER EZ CHECK	0.	FAIL

Caller Remarks: replaced gasket

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 10 **61-21 97TH PL.** **Spill Number: 9213614** **Close Date:**
61021 97TH PL. REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 863 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL.
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL | Spiller: N.Y.C. BD. OF EDUC.-PS206 | Spiller Phone: (718) 706-3483
Notifier Type: TANK TESTER | Notifier Name: | Notifier Phone:
Caller Name: SEBASTIAN LOREFICE | Caller Agency: TANK TESTING INC. | Caller Phone: (718) 789-3770
DEC Investigator: TANG | Contact for more spill info: | Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/10/1993		TANK TEST FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#4 FUEL OIL	PETROLEUM	0	UNKNOWN	NO	0	UNKNOWN	NO

Caller Remarks: NO ACTION YET DETERMINED.

DEC Investigator Remarks:

10/10/95: This is additional information about material spilled from the translation of the old spill file: T.T.F.

Map Identification Number 11 **PS #206 SCHOOL** **Spill Number: 0013054** **Close Date:**
61-21 97TH PLACE QUEENS, NY NO ZIP PROVIDED
MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 863 feet to the NE
ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL | Spiller: PS #206 SCHOOL | Spiller Phone: (516) 939-2959
Notifier Type: TANK TESTER | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: SANGESLAND | Contact for more spill info: PHIL FAZIN | Contact Person Phone: (516) 939-2959

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/13/2001		TANK TEST FAILURE	2-352721	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#4 FUEL OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	YES

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
2	7500	HORNER EZ CHECK	0.	UNKNOWN

Caller Remarks: WILL ISOLATE TANK AND RE-TEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 12 **OUR LADY OF ANGELS CHURCH** **Spill Number: 9502729** **Close Date:**
63063 98TH STREET REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1481 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6363 98TH STREET
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL Spiller: SAME Spiller Phone:
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: BOB KLEHESKY Caller Agency: DRY AS A BONE, INC Caller Phone: (516) 678-5115
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/03/1995		TANK TEST FAILURE	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 13 **63-63 98TH ST./OUR LADY O** **Spill Number: 8706403** **Close Date:**
63063 98TH ST. NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1481 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6363 98TH ST
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL Spiller: OUR LADY OF THE AUGELUS Spiller Phone: (718) 897-4444
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/28/1987		TANK TEST FAILURE	2-157171	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: 2K TANK AT UNREADABLE RATE, BUT PRODUCT LEVEL SETTLED ABOVE TANK, ASSUME PIPING LEAK. CONTACT: FR. HICKEY (718) 897-4444.

DEC Investigator Remarks: / / : WILL EXCAVATE, ISOLATE, AND RETEST.

Map Identification Number 14 **APARTMENT BLDG** **Spill Number: 9801177** **Close Date:**
63-36 98TH PLACE REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1567 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6336 98TH PLACE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: APARTMENT BLDG Spiller Phone: (718) 939-4888
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321-4670
DEC Investigator: TOMASELLO Contact for more spill info: MR CIAMPA Contact Person Phone: (718) 939-4888

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/27/1998		TANK TEST FAILURE	2-331783	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	0	GALLONS	NO	0	GALLONS	NO

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	HORNER EZ CHECK	0.	UNKNOWN

Caller Remarks: none

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 15 **58-06 92 ST/QNS/SUNOCO** **Spill Number: 8900690** **Close Date:**
58-06 92 STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1739 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 5806 92ND ST
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: SUNOCO GAS STATION AA Spiller Phone: (718) 699-4414
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: BOB MENNIGKE Caller Agency: GASOLINE INSTALLATIONS Caller Phone: (718) 647-7443
DEC Investigator: SANGESLAND Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/21/1989		TANK TEST FAILURE	2-339660	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	POUNDS	NO	0.00	POUNDS	NO

Caller Remarks: FIRE DEPT HAS BEEN NOTIFIED, TANK FAILED PETRO TITE AT 5 GAL/15MINS, WILL EXCAVATE & DETERMINE PROBLEM.

DEC Investigator Remarks:

DEC (SIGONA) REASSIGNED SPILL TO KERRI O"DOWD on May 6, 1997. Spill investigation conducted by Sun Oil Co. supervised by Russell Hammond (516)239-2431. Kerri in progress of reviewing reports on site assessment work.

5/15/2000 SANGESLAND SPOKE WITH TONY AT HANDEX (631-752-7878 EXT 123):

MAY 5, 2000 WELL SAMPLES SHOW THE FOLLOWING:
BTEX in MW-5 = 244ug/l
MTBE in MW-7 = 110ug/l

Everything else appears to be within acceptible limits.

Sangesland asked Handex to continue running the system for another month and report back when the levels decrease.

6/27/2000 Anthony Fiorentine (Handex 631-752-7878) submitted a letter saying the following:
1) May 19, 2000 samples show maximum BTEX = 31.4 ug/l and maximum MTBE = 64 ug/l - These samples come from the center of the property. Wells near the edge were clean.
2) Handex believes that the concentrations will continue to decrease on their own due to natural attenuation
3) There are no downgradient receptors for 1,500 feet
4) All surrounding properties (downgradient) for 1,500 feet are industrial/commercial.
5) Nearest residence is an apartment building 700 feet away.
6) Closest municipal supply well is located approximately 1 mile away.

7/5/2000 Sangesland wrote a close out letter saying treatment system can be turned off. There is a warning added in the letter that any contamination found on the site during excavation will need to be reported to the state.

Map Identification Number 16 **RESIDENCE** **Spill Number: 0011383** **Close Date:**
99-40 63 RD
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1888 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 9940 63RD RD
Revised zip code: UNKNOWN

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: RESIDENCE Spiller Phone: ( ) -
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: SIGONA Contact for more spill info: MARY PLAKHT Contact Person Phone: (718) 275-7999

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/19/2001		TANK TEST FAILURE	2-342475	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	0	GALLONS	NO	0	GALLONS	NO

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
2	20000	HORNER EZ CHECK	0.	UNKNOWN

Caller Remarks: caller reporting a failed tank test failure no spillage

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 17 **QUEENS CENTER MALL** **Spill Number: 9704986** **Close Date:**
90-15 QUEENS BLVD
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 2055 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 9015 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: TANK TESTER
Caller Name: THOMAS LEDDY
DEC Investigator: TIBBE

Spiller: SAME
Notifier Name: SAME
Caller Agency: PROTEST ENTER
Contact for more spill info: ED MCGREEVY

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 321-4670
Contact Person Phone: (718) 592-2444

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/25/1997		TANK TEST FAILURE	ON LAND	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	15000	HORNER EZ CHECK	0.	GROSS LEAK RATE

Caller Remarks: tank failed the test

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 18 **APT COMPLEX** **Spill Number: 9802245** **Close Date:**
64-85 BOOTH ST
REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2190 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 6485 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: TANK TESTER
Caller Name: DAVE FAZIN
DEC Investigator: O'DOWD

Spiller: APT COMPLEX
Notifier Name: DAVE FAZIN
Caller Agency: A-1 CROWN LEAK
Contact for more spill info:

Spiller Phone: (212) 986-7700
Notifier Phone: (516) 939-2959
Caller Phone: (516) 939-2959
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/20/1998		TANK TEST FAILURE	2-216437	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	5000	HORNER EZ CHECK	0.	FAIL

Caller Remarks: UNDERGROUND TANK GROSS FAIL WILL ADVISE TOO UNCOVER AND RETEST

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 19 **60-50 WOODHAVEN BLVD** **Spill Number: 9208276** **Close Date:**
60050 WOODHAVEN BLVD.
ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2231 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6050 WOODHAVEN BLVD.
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: TANK TESTER
Caller Name: BOB MONNITAE
DEC Investigator: MILLER

Spiller:
Notifier Name:
Caller Agency: GASTIAL CO.
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 647-7443
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/17/1992		TANK TEST FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: T.T.F.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 20 **90-02 QUEENS BLVD.** **Spill Number: 8801243** **Close Date:**
90-02 QUEENS BLVD
N Y C, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2320 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 9002 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: TANK TESTER
Caller Name: SEBASTIAN LOREFICE
DEC Investigator: BATTISTA

Spiller: FRANK CALAMIA
Notifier Name:
Caller Agency: TANK TESTING, INC
Contact for more spill info:

Spiller Phone: (718) 457-1300
Notifier Phone:
Caller Phone: (718) 789-3770
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/10/1988		TANK TEST FAILURE	2-400912	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 7.5K TANK, LEAK RATE = -0.164 GPH, PUMP OUT, TEST LINES & INSPECT INITIAL SYSTEM HORNER-EZY

DEC Investigator / / :
Remarks:

Map Identification Number 21 **99-45 60TH AVE** **Spill Number: 9106077** **Close Date:**
99045 60TH AVE REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2563 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9945 60TH AVE
Revised zip code: 11368

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: TANK TESTER
Caller Name: PHIL FAZIN
DEC Investigator: BATTISTA

Spiller: RITA OR PHIL
Notifier Name:
Caller Agency: CROWN LEAK DETECTOR
Contact for more spill info:

Spiller Phone: (718) 271-4204
Notifier Phone:
Caller Phone: (516) 939-2959
Contact Person Phone:

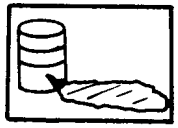
Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/05/1991		TANK TEST FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 20K HORNER EZ CHECK. GROSS LEAK. HOLE IN TOP OF TANK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 22 **AT&T REGO PARK** **Spill Number: 9701642** **Close Date:**
94-03 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 843 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: LOCAL AGENCY
Caller Name: ANTHONY MAISANO
DEC Investigator: TIBBE

Spiller: AT&T REGO PARK
Notifier Name: JEFF HUNT
Caller Agency: EYP
Contact for more spill info: JOHN NIDWESKI

Spiller Phone: (718) 520-4850
Notifier Phone: (914) 268-6660
Caller Phone: (914) 682-5824
Contact Person Phone: (718) 520-4850

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/07/1997		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	YES

Caller Remarks: SPILL IN THE ANNULAR SPACE - 7 INCHES IN THE SPACE

DEC Investigator Remarks:

CALLED JEFF HUNT OF ERP, HE SAID HIS TECHNICIAN FOUND 7 IN OF PRODUCT IN THE 2ND CONTAINMENT OF A 25K FO. DOUBLE-WALLED STEEL TANK DURING A ROUTINE INSPECTION OF THE AT&T SITE IN QUEENS.

Map Identification Number 23 **PS 206** **Spill Number: 0008926** **Close Date:**
61-21 97TH PLACE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 863 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
Notifier Type: OTHER
Caller Name:
DEC Investigator: DEMEO

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: OEM OFFICER

Spiller Phone: ( ) -
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 374-5500

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/01/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#4 FUEL OIL	PETROLEUM	200.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 50 GAL SPILLED INTO SCHOOL...150 GAL SPILLED INTO YARD AND STREET. OEM ON SCENE..FDNY ON SCENE CONTAINING SPILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 24 **PUBLIC SCHOOL 206** **Spill Number: 0008922** **Close Date:**
61-21 97 PL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 863 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: FIRE DEPARTMENT Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: DEMEO Contact for more spill info: CALLER Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/01/2000		UNKNOWN	IN SEWER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	50.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 50 gals on ground no further info

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 25 **MANHOLE #12285** **Spill Number: 9910833** **Close Date:**
JUNCTION BLVD & 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1557 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION BLVD / 57TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone: (000) 000-0000
Notifier Type: AFFECTED PERSONS Notifier Name: MR POVARELLI Notifier Phone: (212) 580-6763
Caller Name: MARK SCHLAGEL Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: O'CONNELL Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/12/1999		UNKNOWN	ON LAND	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

Caller Remarks: 4 oz. unk oil on 30 gal of water in manhole - samples taken and clean up pending results - con ed 129273

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 26 **MANHOLE 12285** **Spill Number: 9910815** **Close Date:**
JCT.BLVD & 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1557 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION BLVD / 57TH AV
Revised zip code: 11373

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: AFFECTED PERSONS Notifier Name: MR ZAMBIO Notifier Phone:
Caller Name: FRANK MASSERIA Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: O'CONNELL Contact for more spill info: FRANK MASSERIA Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/11/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: cleanup pending test results ref 129265

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 27 **MANHOLE 12108** **Spill Number: 9808917** **Close Date:**
98TH ST AND 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1869 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST / 57TH AVE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: MIKE CESARE
DEC Investigator: ENGELHARDT

Spiller: CON ED
Notifier Name: MR THORTON
Caller Agency: CON EDISON
Contact for more spill info: MIKE CESARE

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/18/1998		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: con ed # 120588 cleanup pending lab results5

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 28 **MANHOLE 15104** **Spill Number: 9911060** **Close Date:**
55TH AV / 97TH ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2176 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name: BRIAN JOYCE
DEC Investigator: COMENALE

Spiller: UNKNOWN
Notifier Name: PACE
Caller Agency: CON ED
Contact for more spill info: BRIAN JOYCE

Spiller Phone:
Notifier Phone: ( ) -
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/17/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 2 GALLONS ON 10 GALLONS OF WATER. CLEAN UP PENDING LAB RESULTS. CON ED# 129329

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 29 **VACANT BUILDING** **Spill Number: 9909795** **Close Date:**
60-69 WOODHAVEN BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2185 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6069 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: VACANT BUILDING Spiller Phone: (718) 224-8787
Notifier Type: OTHER Notifier Name: Notifier Phone:
Caller Name: ANDREW RUDKO Caller Agency: AKRF INC Caller Phone: (212) 340-9815
DEC Investigator: ROMMEL Contact for more spill info: ROBERT SANTUCCI Contact Person Phone: (718) 224-8787

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/12/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: CONTAMINATED SOIL FOUND AT A VACANT BUILDING THAT WAS ONCE A GAS STATION. NO FURTHER INFO

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 30 **60-70 WOODHAVEN BLVD** **Spill Number: 9205605** **Close Date:**
60070 WOODHAVAN BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2252 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6070 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: AMOCO Spiller Phone:
Notifier Type: LOCAL AGENCY Notifier Name: Notifier Phone:
Caller Name: ENZO CATANZARO Caller Agency: NYCDEP HAZMAT Caller Phone: (718) 595-4681
DEC Investigator: O'DOWD Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/14/1992		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 31 **NEW TOWN PLAYGROUND** **Spill Number: 9709813** **Close Date:**
92ND ST & 56TH AV EAST ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2259 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 92ND ST / 56TH AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: CITIZEN Notifier Name: ANNONYMOUS Notifier Phone: ( ) -
Caller Name: ANNONYMOUS Caller Agency: Caller Phone:
DEC Investigator: HALE Contact for more spill info: Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN RELEASE W/ NO DAMAGE);DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/16/1997		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: CONTRACTORS ARE ON SCENE THERE DIGGING UP THE GROUND AND CALLER BELIEVES THERE IS AN ABANDONED TANK ON THE PROPERTY - THERE ARE FUMES EMINATING FROM THE GROUND - CALLER WANTS THE AREA CHECKED OUT

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 32 **MANHOLE # 16533** **Spill Number: 9910976** **Close Date:**

55TH AVE/97TH PLACE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2269 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: AFFECTED PERSONS Notifier Name: MR DELLACROCE Notifier Phone: (212) 580-6763
Caller Name: BRIAN JOYCE Caller Agency: CON ED Caller Phone: (212) 580-6763
DEC Investigator: COMENALE Contact for more spill info: BRIAN JOYCE Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/15/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: ABOVE MATERIAL DISCOVERED ON TOP OF 10 GALLONS ON WATER AT ABOVE LOCATION. SAMLES TAKEN AND CLEANUP PENDING TEST RESULTS. CON EDISON # 129306.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 33 **MANHOLE #15105** **Spill Number: 9910901** **Close Date:**
55TH AVE & 98TH ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2367 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 55TH AVE / 98TH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name: STEVE ROMARO
DEC Investigator: COMENALE

Spiller: UNK
Notifier Name: MR POVERELLI
Caller Agency: CON ED
Contact for more spill info:

Spiller Phone: (000) 000-0000
Notifier Phone: ( ) -
Caller Phone: (212) 580-6763
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/14/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 1/2 gal unk oil on 100 gal of water in manhole - sample has been taken and clean up pending results - con ed #129292

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 34 **MANHOLE 12109** **Spill Number: 9808916** **Close Date:**
98TH ST & 55TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2367 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST / 55TH AVE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: MIKE CESARE
DEC Investigator: ENGELHARDT

Spiller: CON EDISON
Notifier Name: MR THORNTON
Caller Agency: CON EDISON
Contact for more spill info: MIKE CESARE

Spiller Phone:
Notifier Phone: (718) 246-6610
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/18/1998		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: samples taken - cleanup pending lab results con ed ref # 120587

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 35 **57TH AV** 90 ST **Spill Number: 9807594** **Close Date:**

ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2512 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 57TH AV / 90TH ST
Revised zip code: 11373

Source of Spill: UNKNOWN
Notifier Type: LOCAL AGENCY
Caller Name: KATHERINE SPRANGER
DEC Investigator: TOMASELLO

Spiller: UNKNOWN
Notifier Name: MR PEREZ
Caller Agency: DEP
Contact for more spill info: KATHERINE SPRANGER

Spiller Phone:
Notifier Phone: ( ) -
Caller Phone: (718) 337-4357
Contact Person Phone: (718) 337-4357

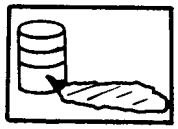
Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/22/1998		UNKNOWN	IN SEWER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: CALLER STATES NOTIFIER REPORTS THERE IS A LARGE SPILL ON ROADWAY CAUSING VEHICLES TO SLIDE - PRODUCT HAS ENTERED SEWER - THERE IS NO CLEAN UP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/4 Mile. Between 1/4 Mile and 1/2 Mile, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 36 **ROADWAY** **Spill Number: 0106138** **Close Date:**
LIE & JUNCTION BLVD
NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: LIE / JUNCTION BLVD
Revised zip code: 11368

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: FIRE DEPARTMENT
Caller Name:
DEC Investigator: KRIMGOLD

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info: JOHN HACK

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (917) 769-0483

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/10/2001		TRAFFIC ACCIDENT	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	50.00	GALLONS	NO	25.00	GALLONS	NO

Caller Remarks: TRAFFIC ACCIDENT WHERE DUMP TRUCK OVERTURNED AND BURNED - DRIVER TAKEN TO HOSPITAL -****UPDATE**** PLATE ON TRUCK A53535 - SHOWS EXPIRED 1989 ON AN 89 DUMP TRUCK REGISTERED TO NYC DEPARTMENT OF TRANSPORTATION THEY ARE REMOVING THE REMAINING DIESEL FROM THE TANK

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 37 **Spill Number: 0105265** **Close Date:**
LIE WEST @ JUNCTION BLVD
QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: LIE WEST / JUNCTION BLVD
Revised zip code: 11368

Source of Spill: COMMERCIAL VEHICLE | Spiller: GEAZ RECYCLABLES | Spiller Phone: (516) 250-3600
Notifier Type: FIRE DEPARTMENT | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: DEMEO | Contact for more spill info: CALLER | Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/15/2001		TRAFFIC ACCIDENT	IN SEWER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	30.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: TRACTOR TRAILOR LEAKED SADDLE TANKS AFTER ACCIDENT. UNKNOWN AMOUNT WENT INTO THE STORM SEWER. 1 HR ETA FOR COMPANY. FIRE DEPARTMENT IS ON SCENE. ANDREW CALLED @ 0246 REQUESTING A CALL FORM THE ON CALL REP ON THIS SPILL. 917-226-1888. (ANDREW KELLY IS WITH THE DEP).

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 38 **VAULT 1097** **Spill Number: 9911900** **Close Date:**
97TH ST HORACE HARDING QUEENS, NY NO ZIP PROVIDED
MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 635 feet to the NE
ADDRESS CHANGE INFORMATION
Revised street: 97TH ST / HORACE HARDING BLVD
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL | Spiller: CON ED | Spiller Phone: (212) 580-6763
Notifier Type: RESPONSIBLE PARTY | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: ' COMENALE' | Contact for more spill info: STEVEN CRIBBIN | Contact Person Phone: (212) 580-8576

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/13/2000		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
TRANSFORMER OIL	PETROLEUM	8.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: LEAKING TRANSFORMER / HX PCB 105 PPM JUN 6-1994 - SAMPLE TAKEN CLEAN UP 50-499 PPM - OIL DID ENTER SUMP
UNK IF SEWER CONNECTED CONED 129595

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 39 **CON ED STREET VAULT** **Spill Number: 9807782** **Close Date:**
62ND DRIVE & QUEENS BLVD NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 707 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 62ND DRIVE / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: RICHARD ROACH
DEC Investigator: ENGELHARDT

Spiller: CON EDISON
Notifier Name: HERST
Caller Agency: CON ED
Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6764
Notifier Phone: (212) 580-6764
Caller Phone: (212) 580-6764
Contact Person Phone: (212) 580-6764

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/25/1998		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
TRANSFORMER OIL	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: LEAKING TRANSFORMER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 40 **62ND RD SUBSTATION** **Spill Number: 0103078** **Close Date:**
62ND RD QUEENS BL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 763 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 62ND RD / QUEENS BLVD
Revised zip code: UNKNOWN

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: AFFECTED PERSONS
Caller Name:
DEC Investigator: TIBBE

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: PASHKO CAMAJ

Spiller Phone: ( ) -
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 243-4581

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/20/2001		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: substation is below grade and there is a vehicle leaking product through grating - no clean up - caller is in process of trying to contact spiller

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 41 **SIDEWALK FILL BOX** **Spill Number: 9605935** **Close Date:**
AT&T 94-03 QUEENS BLVD REGA PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 843 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: AT&T Spiller Phone: (718) 520-4850
Notifier Type: OTHER Notifier Name: BRUCE BABCOCK Notifier Phone: (201) 933-5541
Caller Name: BRUCE BABCOCK Caller Agency: TRC ENVIROMENTAL Caller Phone: (201) 933-5541
DEC Investigator: SIGONA Contact for more spill info: JOHN NIDWESKI Contact Person Phone: (718) 520-4850

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/07/1996		HOUSEKEEPING	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: THE BOX WAS FILLED WITH OIL FROM OVERFILLS OVER THE YEARS - CLEAN UP IN PROGRESS

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 42 **Spill Number: 9907426** **Close Date:**

62ND AVE & QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 874 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 62ND AVE / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: MARK SCHLAGEL
DEC Investigator: COMENALE

Spiller: CON ED
Notifier Name: MR WAINWIRGHT
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone: (212) 580-6763
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/20/1999		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
TRANSFORMER OIL	PETROLEUM	5.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: faulty transformer leaking oil onto dirt - historical data show 10 ppm - sample is taken and clean up pending results on ed - 127910

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 43 **62-98 SAUNDERS ST/QUEENS** **Spill Number: 8911293** **Close Date:**

62098 SAUNDERS STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1057 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6298 SAUNDERS STREET
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: MINNIE KWIATLOWSKI
DEC Investigator: TANG

Spiller: MARION COURT EQUITY
Notifier Name:
Caller Agency: COASTAL OIL INC
Contact for more spill info:

Spiller Phone: (718) 658-8488
Notifier Phone:
Caller Phone: (718) 762-4200
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
02/28/1990		EQUIPMENT FAILURE	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: FILL PIPE LEAKING, COMING UP THROUGH GROUND.

DEC Investigator Remarks: 02/28/90: SPILL CLEANED UP BY COASTAL OIL, FILL PIPE HAS TO BE REPAIRED.

Map Identification Number 44 **6320 SAUNDERS STREET** **Spill Number: 9413405** **Close Date:**
6320 SAUNDERS STREET REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1078 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SAME Spiller Phone:
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: MIKE MULLARKEY Caller Agency: PETRO OIL ASTORIA Caller Phone: (718) 545-4500
DEC Investigator: ENGELHARDT Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/08/1995		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	NO	1.00	GALLONS	NO

Caller Remarks: CLEANED UP WITH ABSORBENT MATERIAL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 45 **RESIDENCE** **Spill Number: 9701941** **Close Date:**
96-04 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1586 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9604 57TH AVE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING | Spiller: RESIDENCE | Spiller Phone: (518) 399-8657
Notifier Type: OTHER | Notifier Name: JEFFREY BLACK | Notifier Phone: ( ) -
Caller Name: FRAN ARCHEY | Caller Agency: A L EASTMOND | Caller Phone: (718) 378-3000
DEC Investigator: TIBBE | Contact for more spill info: JEFFREY BLACK | Contact Person Phone: (718) 575-4646

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/14/1997		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: air in line caused backup and caused a spill of 50 - 100 gals onto driveway spill contained and cleanup in progress

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 46 **Spill Number: 9812487** **Close Date:**

93-06 63RD DR QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1705 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 9306 63RD DR
Revised zip code: 11374

Source of Spill: COMMERCIAL VEHICLE | Spiller: UNKNOWN | Spiller Phone:
Notifier Type: FIRE DEPARTMENT | Notifier Name: | Notifier Phone:
Caller Name: DISPT 358 | Caller Agency: NYFD | Caller Phone: (718) 847-6600
DEC Investigator: ' MULQUEEN' | Contact for more spill info: DEPUTY 14 | Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/09/1999		TRAFFIC ACCIDENT	IN SEWER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: a tanker rolled over and caused the spill to enter into the sewer system.fire dept and hazmat on scene.

DEC Investigator Remarks: FAXED TO DEP.

Map Identification Number 47 **57TH AVE & 98TH PLACE** **Spill Number: 9605067** **Close Date:**
57TH AVE & 98TH PLACE ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2039 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 57TH AVE / 98TH PLACE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: LISA PRIMEGGIA
DEC Investigator: O'CONNELL

Spiller: CON ED
Notifier Name: MR MIKSAD
Caller Agency: CON ED
Contact for more spill info: LISA PRIMEGGIA

Spiller Phone: (212) 580-6764
Notifier Phone: (718) 830-8680
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/15/1996		EQUIPMENT FAILURE	IN SEWER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
TRANSFORMER OIL	PETROLEUM	250.00	GALLONS	NO	0.00	GALLONS	NO

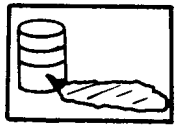
Caller Remarks: A TRANSFORMER EXPLODED SPILLING THE OIL ONTO THE GROUND - THERE WERE ALSO VEHICLES DAMAGED & INJURIES RESULTING FROM THE EXPLOSION THE PCB COUNT WAS 56 - THE FLUID WAS NOT RECOVERED FROM THE SEWERS BUT WAS CLEANED OUT OF THE SUMP

DEC Investigator Remarks:

7/18/96, Katz notes: Delay in reporting due to Queens Division? Transformer faulted. Drained transformer, found 100 gallons in 350 gallon capacity transformer. 50 gallons found in sump, assume 200 gallons to sanitary sewer. Con Ed is taking wipe samples of elbows to see if oil went into sewer. 3 firemen on scene burned, 6 vehicles burned, 1 vehicle tire burned. Street was also burned, Con Ed to repair. Gasoline leaked down streret from vehicles, shrubs burned, lamp post damaged. NYCDEP took PCB samples from street, soil and found 0 ppm (acc'd. to S. Siedenberg).

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/4 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
9805566	NYC DEP	59-17 JUCTION BLVD	CORONA
9700965	98-05 63 RD	98-05 63 RD	REGAL PARK
0005366	VS 7634	HORRIS HARDING EXP/99ST	QUEENS
9603348	BUSINESS	60 3RD AVE/S OF AUSTIN ST	QUEENS
0103806	VAULT 1728	IFO 64-39 98TH ST	QUEENS
9508196	GASTERIA	99-49 HORACE HARDING BLVD	REGO PARK
9805342	CORONA SUB STATION	63-49 99TH ST	NEW YORK
9912142	RESIDENTS	98-30 57TH AVE	QUEENS
9912143	RESIDENCE	98-30 57TH AVE	QUEENS
0007855		98-11 65TH AVE	REGO PARK
9213770	64-85 BOOTH ST	64085 BOOTH ST	QUEENS
9713878	NEWTOWN PLAYGROUND	92ND STREET & 56TH AVENUE	QUEENS
0101494	CORONA SUBSTATION	99 ST/57 AVE	QUEENS
9911039	MANHOLE 16533	55TH AV & 97TH PL	QUEENS
9908947	SAINT JOHNS QUEENS HOSPIT	90-02 QUEENS BLVD	ELMHURST
9811866		63-43 HARING ST	REGO PARK
9608368	87-56 62ND ROAD	87-56 62ND ROAD	REGO PARK



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 48 **ALEXANDER'S INC.** **Spill Number: 9412400** **Close Date: 12/20/1994**
QUEENS BLVD / 63RD RD. REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 842 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9605 QUEENS BLVD
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: OTHER
Caller Name: JERARD RUBIGTIANO
DEC Investigator: MULQUEEN

Spiller: N/A
Notifier Name:
Caller Agency: COAST COAST TRANSIT
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 643-6161
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/15/1994	12/20/1994	TANK FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: WASTE WAS CLEANED UP BY CAST COAST TRANSIT, SOIL IS BEING DISPOSED, NEEDED SPILL NO., EAST COAST IS WORKING FOR CONTRACTOR OF ALEXANDER'S DOESN'T THINK IT WAS CALLED IN BEFORE.

DEC Investigator Remarks:

10/10/95: This is additional information about material spilled from the translation of the old spill file: PETROLEUM OIL.

Map Identification Number 49 **96-05 QUEENS BLVD.** **Spill Number: 9401907** **Close Date: 12/21/1994**
96-05 QUEENS BLVD ASTORIA QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 842 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9605 QUEENS BLVD
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: OTHER
Caller Name: NAHUM KERDEM
DEC Investigator: TIBBE

Spiller:
Notifier Name:
Caller Agency: CERTIFIED ENG. TESTING.
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 545-7440
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/09/1994	12/21/1994	TANK FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: NOTICED TANK LEAKING. EXCAVATE SOIL & ROMOVE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 50 **99-21 65TH AVE** **Spill Number: 9509827** **Close Date: 10/24/1997**
99-21 65TH AVE FOREST HILLS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2574 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 9921 65TH AVE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SEE BELOW Spiller Phone: (718) 353-5350
Notifier Type: OTHER Notifier Name: JOE DELLINO Notifier Phone: (718) 545-4500
Caller Name: JEAN BERGIN Caller Agency: PETRO ASTORIA Caller Phone: (718) 545-4500
DEC Investigator: KRIMGOLD Contact for more spill info: AMINOV Contact Person Phone: (718) 353-5350

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

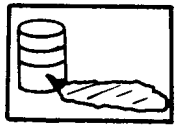
Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/08/1995		TANK FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	3.00	GALLONS	NO	3.00	GALLONS	NO

Caller Remarks: TANK FAILED - TANK WILL BE REPAIRED - SPILL CLEANED UP

DEC Investigator Remarks:

talked to Ms. Jean BBergin from Petro, tank 275 gal. spill contained on corner floor - Petro will fix or replace the tank.



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 51 **96-27 QUEENS BLVD** **Spill Number: 9202690** **Close Date: 06/22/1992**
96-27 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1046 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: OTHER
Caller Name: A RATH
DEC Investigator: O'DOWD

Spiller:
Notifier Name:
Caller Agency: FENLEY & NICOL
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 586-4900
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/04/1992	06/22/1992	TANK TEST FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: FIRE MARSHALL ON SCENE. WILL E I & R

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 52 **97-34 63RD RD/CLEANERS** **Spill Number: 9106704** **Close Date: 09/23/1991**
97-34 63RD RD/CLEANERS REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1094 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 9734 63RD RD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: OTHER
Caller Name: KERRI-ANN O'DOWD
DEC Investigator: O'DOWD

Spiller:
Notifier Name:
Caller Agency: NYSDEC
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 482-4933
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/23/1991	09/23/1991	TANK TEST FAILURE	ON LAND	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

/ / : REFFERED TO ECO'S. 10/10/95: This is additional information about material spilled from the translation of the old spill file: PERCHLORETHANE.

Map Identification Number 53 **58-14 92ND ST/QUNS/SHELL** **Spill Number: 8708776** **Close Date: 05/28/1991**
58-14 92ND ST NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1678 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 5814 92ND ST
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: SHELL OIL Spiller Phone: (516) 937-3020
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/14/1988	05/28/1991	TANK TEST FAILURE	2-190632	GROUNDWATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: (2) 4K TANKS WERE TESTED,1ST TANK FAILED WITH A LEAK RATE OF -.241GPH2ND TANK FAILED WITH A LEAK RATE OF -.142GPH.

DEC Investigator Remarks:

/ / : WILL EXCAVATE, ISOLATE AND REEST. CONTACT: JOHN SPINELLI (516)-937-3020. 05/28/91: WILL EXCAVATE, ISOLATE AND REEST. CONTACT: JOHN SPINELLI (516)-937-3020. WATER SAMPLES CAME UP CLEAN. SEE LETTER TO HANDEX.

Map Identification Number 54 **54-06 WOODHAVEN BLV/MOBIL** **Spill Number: 9008071** **Close Date: 01/07/1991**
55-06 WOODHAVEN BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (6)
Approximate distance from property: 1952 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 5506 WOODHAVEN BLVD
Revised zip code: 11373

Source of Spill: GASOLINE STATION Spiller: MOBIL Spiller Phone: (516) 239-0266
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: SCOTT GOTTSCHALL Caller Agency: MOBIL Caller Phone: (703) 849-5319
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/24/1990	01/07/1991	TANK TEST FAILURE	GROUNDWATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: LINE TEST ONLY, PETROTITE, LEAK RATE -.014GPH, ALVIN PETROLEUM TO INVESTIGATE, REPAIR & RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 55 **56-25 92ST** **Spill Number: 8704288** **Close Date: 11/05/1993**
CATHEDRAL PREP/56-25 92ST NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2166 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 5625 92ND ST
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL Spiller: MRS. AMBROSE Spiller Phone: (718) 592-6800
Notifier Type: TANK TESTER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/21/1987	11/05/1993	TANK TEST FAILURE	2-288470	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: 10,000 GALL. TANK - #4 FUEL OIL. -0.12 GAL/HR.

DEC Investigator Remarks: / / : WILL EXCAVATE. 11/05/93: WILL EXCAVATE. REPAIRED PIPING RETESTED AND PASSED 8/25/88.

Map Identification Number 56 **64-49 WETHEROLE ST/ARMCO** **Spill Number: 8806641** **Close Date: 09/30/1992**

64-49 WETHEROLE STREET NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2180 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 6449 WETHEROLE STREET
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: TANK TESTER
Caller Name: NAT MOSER
DEC Investigator: BATTISTA

Spiller: ARMCO MGNT CO
Notifier Name:
Caller Agency: GND SERVICE
Contact for more spill info:

Spiller Phone: (718) 271-0170
Notifier Phone:
Caller Phone: (516) 933-1085
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;HIGHLY IMPROBABLE

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/08/1988	09/30/1992	TANK TEST FAILURE	2-304654	GROUNDWATER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: 5K TANK FAILED WITH A LEAK RATE OF -.098GPH.

DEC Investigator Remarks: / / :

Map Identification Number 57 **61-01 WOODHAVEN BLV/GETTY** **Spill Number: 8801981** **Close Date: 06/30/1988**

61-01 WOODHAVEN BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 2458 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6101 WOODHAVEN BLVD
Revised zip code: NO CHANGE

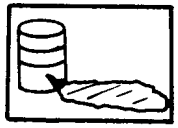
Source of Spill: GASOLINE STATION
Notifier Type: TANK TESTER
Caller Name: H. GREENBERG
DEC Investigator: SULLIVAN
Spiller: GETTY
Notifier Name:
Caller Agency: ALVIN PETROLEUM
Contact for more spill info:
Spiller Phone: (718) 729-6500
Notifier Phone:
Caller Phone: (718) 461-5400
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/02/1988	06/30/1988	TANK TEST FAILURE	2-326607	GROUNDWATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: (2) 4K TANKS WERE TESTED, INITIAL SYSTEM PETRO TITE, 1ST TANK FAILED AT +0.192 GPH, 2ND TANK FAILED AT +0.151GPH, WILL EXCAVATE AND ISOLATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 58 **9605 L.I.E.& JUNCTION BLV** **Spill Number: 9406556** **Close Date: 08/11/1994**
9605 LIE & JUNCTION BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 618 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING BLVD
Revised zip code: 11373

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: LOCAL AGENCY Notifier Name: Notifier Phone:
Caller Name: INEZ GIL Caller Agency: NYC DEP Caller Phone: (718) 595-6700
DEC Investigator: KRIMGOLD Contact for more spill info: Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/15/1994	08/11/1994	OTHER	AIR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	YES

Caller Remarks: EXPLOSION AT SITE-MR. COSMO, FROM DEP SAID THERE ARE NO SPILL ON LAND OR WATERR. THE WORKER SPILLED SOME ACETONE ON HIMSELF AND CSUGHT FIRE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 59 **MANHOLE #15753** **Spill Number: 0009954** **Close Date: 12/28/2001**
QUEENS BLVD SO OF 62ND DR NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 715 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone: ( ) -
Notifier Type: AFFECTED PERSONS Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: O'CONNELL Contact for more spill info: CALLER Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/04/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: 1/2 GAL OF UNKNOWN OIL ON 50 GALS OF WATER. SAMPLE TAKEN. CLEAN UP PENDING TEST RESULT. CON ED #134593.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 60 **MANHOLE# 2730** **Spill Number: 0002217** **Close Date: 09/24/2001**

63RD AV/SAUNDERS AV QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1028 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AV / SAUNDERS ST
Revised zip code: 11374

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	AFFECTED PERSONS	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	O'CONNELL	Contact for more spill info:	TONY LOPEZ	Contact Person Phone:	(212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/22/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: ON 100 GALLONS OF WATER. CLEAN UP PENDING. CON ED# 131532

DEC Investigator Remarks:

Con Ed e2mis #131532:

5-22-01 3gal unknown oil on 100gal water in manhole. Sample returned <1ppm PCB.

5-28-00 Solidified oil and removed all liquids and solids with vactor, double washed structure, sealed sump with cement. No

leaking electrical equipment. No sump samples required.

Map Identification Number 61 **MANHOLE 1260** **Spill Number: 0105978** **Close Date: 11/23/2001**
9627 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1046 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: RESPONSIBLE PARTY
Caller Name:
DEC Investigator: RODRIGUEZ

Spiller: UNK
Notifier Name:
Caller Agency:
Contact for more spill info: CALLER

Spiller Phone: (000) 000-0000
Notifier Phone:
Caller Phone:
Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/04/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 1 PT OF UNK OIL ON 400 GAL WATER IN MANHOLE. CONFINED - SAMPLE TAKEN - CLEANUP PENDING. #139271

DEC Investigator Remarks:

e2mis notes:
Approx 1 pt unknown oil in 400 gals water. There is joint regulator in hole, but no visible leaks. Sample taken.

9/4/01, 2019 hrs: lab results 9 ppm PCB.

9/5/01, 1115 hrs: Clean up completed. No leaking equipment found.
(JHO)

Map Identification Number 62 **96-33 QUEENS BLVD.** **Spill Number: 9313862** **Close Date: 02/24/1994**
96-33 QUEENS BLVD. REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1059 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9633 QUEENS BLVD.
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL | Spiller: UNK | Spiller Phone:
Notifier Type: OTHER | Notifier Name: | Notifier Phone:
Caller Name: VIRGINIA SOVIER | Caller Agency: PETRO | Caller Phone: (718) 545-3662
DEC Investigator: CAMMISA | Contact for more spill info: | Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
02/23/1994	02/24/1994	UNKNOWN	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: SPILL FOUND NEAR BOILER IN BASEMENT - PETRO SERV. DID CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 63 **ROADWAY** **Spill Number: 0010145** **Close Date: 12/18/2000**
96-37 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED
MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SSE
ADDRESS CHANGE INFORMATION
Revised street: 9637 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE | Spiller: UNK | Spiller Phone: (000) 000-0000
Notifier Type: LOCAL AGENCY | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: OKWUOHA | Contact for more spill info: JASON SITANGANG | Contact Person Phone: (718) 595-6777

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/08/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	7.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: SPEEDY DRY PUT IN PLACE BY FIRE DEPT.

DEC Investigator Remarks: Off hour spill. Notified DEP and FDNY. FDNY confirmed it completed clean up.

Map Identification Number 64 **BOWERY BAY REGULATOR** **Spill Number: 9410738** **Close Date: 11/15/1994**

98TH ST LIE SVCE ROAD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1107 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST/HORACE HARDING EXWY S
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: RAYMOND SCHAEFFER
DEC Investigator: MARTINKAT

Spiller: NYCDEP
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 372-7193
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/11/1994	11/15/1994	OTHER	SURFACE WATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
RAW SEWAGE	NON-PETROLEUM/NON-HAZARDOUS	0	UNKNOWN	NO	0	UNKNOWN	NO
UNKNOWN PETROLEUM	PETROLEUM	9000	GALLONS	NO	0	GALLONS	NO

Caller Remarks: BLOCKAGE IN DIVERSION CHAMBER SPILL OVER WALL INTO BAY-DISCOVERED BY CREW-REMOVED BLOCKAGE-NO FURTHER ACTIONS-NO CALL BACK REQUESTED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 65 **98 ST.& L.I.E. QUEENS/RAW** **Spill Number: 8605878** **Close Date: 12/16/1986**

, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1123 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST / LIE
Revised zip code: UNKNOWN

Source of Spill: OTHER COMM/INDUSTRIAL | Spiller: | Spiller Phone:
Notifier Type: RESPONSIBLE PARTY | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/16/1986	12/16/1986	OTHER	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
RAW SEWAGE	NON-PETROLEUM/NON-HAZARDOUS	0	UNKNOWN	NO	0	UNKNOWN	NO

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 66 **MANHOLE #1261** **Spill Number: 0104102** **Close Date: 08/23/2001**
63RD DR & QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1209 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: UNK | Spiller Phone: (000) 000-0000
Notifier Type: AFFECTED PERSONS | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: RODRIGUEZ | Contact for more spill info: CALLER | Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/18/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: APPROX 4 GLS ON 50 GLS OF WATER. CLEAN UP PENDING TEST RESULTS. CON ED #138275.

DEC Investigator Remarks:

CON ED E2MIS REPORT 7-17-01
4gals. of unknown oil on approx. 56gals. of water in MH1261. Spill is contained, no sewers or waterways are affected. No fire/smoke, no movement in water. Cannot verify if ther is a earthen sump or sewer connection.

1700hrs.
LSN 01-07404-001 <1.0ppm

7-13-01 update 0515hrs.
Double washed structure with pinicle slix, found earthen sump. Tag left in place. This incident will be taken off the 24hr. program.

5:31hrs.
Tag pulled and sump cemented. Cleanup complete.

7-19-01 No leaking company equipment. Waste removed using coagulent , diapers and vactor.

Map Identification Number 67 **MANHOLE #1260** **Spill Number: 0009955** **Close Date: 12/28/2001**
QUEENS BLVD & 63RD DR NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1209 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name:
DEC Investigator: O'CONNELL

Spiller: UNK
Notifier Name:
Caller Agency:
Contact for more spill info: CALLER

Spiller Phone: ( ) -
Notifier Phone:
Caller Phone:
Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/04/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN NON-PETRO/NON-HAZ MATERIAL	NON-PETROLEUM/NON-HAZARDOUS	1.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: 1 GAL OF UNKNOWN OIL ON 500 GALS OF WATER. CLEAN UP AFTER TEST RESULTS. CON ED #134594.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 68 **98-25 HORACE HARDING EXP.** **Spill Number: 9412080** **Close Date: 12/09/1994**
98-25 HORACE HARDING EXP. QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1311 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9825 HORACE HARDING BLVD
Revised zip code: 11368

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: OTHER
Caller Name: DORIS
DEC Investigator: TANG

Spiller: UNKNOWN
Notifier Name:
Caller Agency: COASTAL OIL
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 746-2417
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/09/1994	12/09/1994	OTHER	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	10.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 20,000 GAL. AND 6,500 GAL. WHEN IT GOT TO 6,600 IT SPILLED OUT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 69 **ATF OFFICE** **Spill Number: 9909644** **Close Date: 12/27/1999**
97-45 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1496 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9745 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: POLICE DEPARTMENT
Caller Name: BOB IRWIN
DEC Investigator: COMENALE

Spiller:
Notifier Name:
Caller Agency: ATF
Contact for more spill info: BOB IRWIN

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 896-6550
Contact Person Phone: (718) 896-6550

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/08/1999		OTHER	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: CALLER REPORTING THAT THEY CONFISCATED A GALLON OF GASOLINE THAT WAS IN A 1 GAL GAS CAN AND TRANSFERRED INTO LARGER GAS CAN. REQ SOMEONE TO PICK UP AND DISPOSE OF IT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 70 **MANHOLE 14147** **Spill Number: 9907253** **Close Date: 11/29/1999**
JUNCTION BLVD/57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1557 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: CON EDISON Spiller Phone: ( ) -
Notifier Type: RESPONSIBLE PARTY Notifier Name: DELACRUZ Notifier Phone:
Caller Name: MIKE CESARE Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: O'CONNELL Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/17/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 1GAL OF UNK OIL ON 200GAL OF WATER - CASE #127870 - CLEANING AS 50-499PPM OF PCB - IN PROGRESS

DEC Investigator Remarks:

Con ed e2mis notes:

1 gallon of unkown oil on 200 gallons of water no sewers or waterways appear to be affected will cleanup as 50-499, sample taken,
EPA #NYP004043386 issued tanker on location.

Lab seq #99-09792 <1.0ppm pcb, cleanup completed and tag removed.
Incident closed.

Map Identification Number 71 **64TH RD & QUEENS BLVD** **Spill Number: 9113255** **Close Date: 11/28/1994**
64TH RD & QUEENS BLVD REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1660 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 64TH RD / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: T SLAUSON
DEC Investigator: SIGONA

Spiller: NYCTA
Notifier Name:
Caller Agency: NYCTA
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 330-4581
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/30/1992	11/28/1994	OTHER	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
PCB OIL	PETROLEUM	50.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: OIL LEAKED FROM CIRCUIT BREAKER TO CONCRETE TO CONCRETE VAULT. SPILL TEAM ENROUTE.

DEC Investigator Remarks: / / : .11/22/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/22/94.

Map Identification Number 72 **94TH ST. & 57TH AVE.** **Spill Number: 9213559** **Close Date: 03/09/1993**
94TH ST. & 57TH AVE. ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1675 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 94TH ST. / 57TH AVE.
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name: MR. ANONYMOUS
DEC Investigator: TANG

Spiller: N.Y.C. SCHOOL SITE
Notifier Name:
Caller Agency: EMPLOYEE
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/09/1993	03/09/1993	UNKNOWN	ON LAND	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

Caller Remarks: SOIL IN EXCAVATION FOR DEWATER. SITE HAD SOIL CONTAMINATION. SOIL IS LEFT IN PILES AT SITE. CALLER IS WORKING WITH CONTRACTOR DEWATERING SITE & DOES NOT LIKE IDEA OF WORKING IN CONTAMINATED SOIL.

DEC Investigator Remarks:

10/10/95: This is additional information about material spilled from the translation of the old spill file: OILY MATERIAL PETRO?

Map Identification Number 73 **PARKING LOT** **Spill Number: 0103714** **Close Date: 07/19/2001**
62ND DR/99TH ST QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1697 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: OTHER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: TIPPLE Contact for more spill info: KAREN STEVENSON Contact Person Phone: (718) 595-6777

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/07/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
ANTIFREEZE	NON-PETROLEUM/NON-HAZARDOUS	30.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: REQUESTING A RESPONSE. ORIGINAL CALLER REFUSED NAME.

DEC Investigator Remarks: REFERRED TO DEP

Map Identification Number 74 **SUNOCO SERVICE STATION** **Spill Number: 9902272** **Close Date: 11/10/1999**
5806 92 ST ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 1739 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 5806 92ND ST
Revised zip code: 11373

Source of Spill: GASOLINE STATION
Notifier Type: OTHER
Caller Name: JED MEYERS
DEC Investigator: O'DOWD

Spiller: SUNOCO SERVICE STATION
Notifier Name: JED MEYERS
Caller Agency: PHOENIX ENVIRONMENTAL
Contact for more spill info: ED

Spiller Phone:
Notifier Phone: (516) 864-4200
Caller Phone: (516) 864-4200
Contact Person Phone: (718) 592-9693

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/28/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	0	GALLONS	YES	0	GALLONS	YES

Caller Remarks: OVER THE PAST 2 DAYS CALLER HAS BEEN ON SITE PULLING 3 - 4000 GALLONS & 12 - 550 GALLONS & 1000 GAL WASTE OIL & 1000 FUEL OIL TANK -THEY ENCOUNTERED CONTAMINATED SOIL & HAVE STOCK PILED RUOUGHLY 250 YARDS OF SOIL - THE TANKS DO LOOK GOOD

DEC Investigator Remarks: CROSS REFERENCE TO SPILL NUMBER 8900690.

Map Identification Number 75 **Spill Number: 9911094** **Close Date: 05/05/2000**

5814 92ND ST ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1782 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name: FARBOD AZAD
DEC Investigator: SANGESLAND

Spiller: UNKNOWN
Notifier Name:
Caller Agency: ENVIROTREC
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 586-1800
Contact Person Phone: (516) 586-1800

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/18/1999		OTHER	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
WASTE OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: caller reports construction work and found ust in tact not leaking.excavated soil and will folow up on it.

DEC Investigator Remarks:

Owner ran 2 stations on one set of tanks for 10 years

1/7/2000 Sangesland got a call from Queens Center Mall manager saying the mall will be taking over the site (former Shell Station) also taking over the site next door (Kerri's former Sunoco station - #9902272). This manager wanted to know if there were any open spill numbers on the site.

Bob Aptaker 310-394-6911 Macerich Company is the owner of Queens Mall, tenent of Shell site. This company will be building on site of former shell station. Macerich hired AKRF to supervisie an excavator hired by Envirotrac (Shell) as the excavator dug out a fuel oil tank in Dec '99
Environtrack should have a report written Dec'99 (?) showing endpoint samples. Envirotrack called in the spill in Dec '99 so there must have been contamination on site. Mr. Aptaker would like to know what is being done to clean the site.

A search of the PBS records shows the tanks were pulled at this site in approx 1990. The site was still used as a gas station until June 1999, until the tanks (3- 4,000gal) were pulled from the site next door (58-06 92nd St)

2/18/2000 Rommel transfered Sunoco station (9902272)to Sangesland

Borings done in Feb 2000 showed mostly clean with some pockets of contamination.

In late March, Phoenix Environmental organized the excavation of the contaminated and questionable area. A total of 481.24 tons of soil were removed from this former Shell site. Excavation was made to clean side walls and just below the "smear zone" of the watertable. Material was transferred to Carteret Biocycle Corp for recycling (manifests were submitted)

15 endpoint samples were taken around the excavation.
All samples were tested for 8021, several were also tested to 8270 TCLP.

All samples were below NYSDEC STARS guidance values except for a single benzene sample which measured 20 ug/kg.

All Soil MTBE levels were Non Detect except one at 7 ug/kg and one at 3 ug/kg

****

Groundwater samples from Feb 22nd 2000 (prior to the major soil excavation) showed some low hits. Levels were not high enough to justify a remediation system to be installed. (MTBE were all low except 2 sites around 78 ug/L.

Now that the contaminated soil has been removed, the source is gone and the low levels can be expected to naturally attenuate.

Map Identification Number 76 **MANHOLE #19156** **Spill Number: 0106448** **Close Date: 11/23/2001**
QUEENS BL & WOODHAVEN BL WOODHAVEN, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1910 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BL / WOODHAVEN BL
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: AFFECTED PERSONS Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: FOLEY Contact for more spill info: ANTHONY NATALE Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/19/2001		UNKNOWN	ON LAND	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

Caller Remarks: 2 PINTS ON 50 GALLONS - WHICH WENT TO SOIL - ALL IS CLEANED UP - THIS SPILL FALLS UNDER THE 24 HOUR RULE - CON ED #139494

DEC Investigator Remarks:

e2mis notes:
Approx 2 pts unknwon oil on approx 50 gals water in manhole.

9/18/01, 1743 hrs: lab results 452 ppm PCB.

9/20/01, 0525 hrs: Cleaned interior of structure. Soil sump found - samples taken and left cemented.

9/20/01, 2207 hrs: Lab results - sump floor 56 ppm, sump wall 42 ppm PCB.

9/22/01, 1400 hrs: crew returned, dug out sump three feet, took samples. Filled with 3 bags clean sand, sealed with hydraulic cement.

9/23/01, 2351 hrs: lab results - sump floor <1 ppm, sump wall <1 ppm PCB.
(JHO)

Map Identification Number 77 **MANHOLE 4874** **Spill Number: 0011090** **Close Date: 03/14/2001**
HOFFMAN DRIVE /WOODHAVEN QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1975 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: HOFFMAN DRIVE /WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: RESPONSIBLE PARTY
Caller Name:
DEC Investigator: FOLEY

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: ANTHONY NATALE

Spiller Phone: ( ) -
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/11/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN NON-PETRO/NON-HAZ MATERIAL	NON-PETROLEUM/NON-HAZARDOUS	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: SPILL ON TOP OF 50 GALLONS OF WATER THEY WILL CLEAN UP PENDING RESULTS CON EDISON REF # 135044 SPILL IS ABOUT ONE QUART

DEC Investigator Remarks:

e2mis Notes:

Found approx 1 quart of unknown oil on 50gal water in P Box 4874. No oil filled equipment in structure. No sump. No sewer connections. PCB sample taken and returned <1ppm. Cleanup completed by double washing structure.
KMF 4/10/01

Map Identification Number 78 **64-85 SAUNDERS ST** **Spill Number: 9504463** **Close Date: 04/01/1996**
64-85 SAUNDERS ST REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1995 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6485 SAUNDERS ST
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: DEC
Caller Name: SANDRA MARTINKAT
DEC Investigator: MARTINKAT

Spiller:
Notifier Name:
Caller Agency: NYS DEC
Contact for more spill info:

Spiller Phone: (212) 560-6400
Notifier Phone:
Caller Phone: (718) 482-4933
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/12/1995		OTHER	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	2.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: SPILL DISCOVERED DURING INSPECTION IN TANK ROOM FLOOR - APPEARS TO FROM BOTTOM OF TANK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 79 **98-30 57TH AVE** **Spill Number: 0005157** **Close Date: 10/24/2001**
98-30 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2032 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9830 57TH AVE
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: CON ED Spiller Phone: (212) 580-6763
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: O'CONNELL Contact for more spill info: TONY LOPEZ Contact Person Phone: (212) 580-6764

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/31/2000		OTHER	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
TRANSFORMER OIL	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: transformer fire is on going - record shows 154ppm -

DEC Investigator Remarks:

DEC Inspector Notes:

8/1/00 No one was able to provide information on how 90gal was arrived at. Were informed that transformer will be taken out of

service today and vault cleaned up. All solid debris will be stored in drums. All contaminants were contained before yesterday's rain event. No impact to sewers. (MCO)

Con Ed e2mis Notes:

7/31/00 Transformer opened automatically due to fire. Amount of oil was reported as 1gal since it was unknown at that time. Steve Zalloughi reported that 100gal oil were released from transformer-burnt and in structure. Some oil on trees and a car. Samples taken.

Possible injury from site. Woman suffered an asthma attack while climbing stairs. Said she smelled smoke before attack.

Transformer holds 410gal. 40gal released from unit (not 100gal).
Amount recalculated as 90gal.

Runoff sample returned <1ppm. Vault sample returned 199ppm PCB.

Access to parking garage driveways was double washed and cleaned. All liquids put into >50 tanker. #9 bucket truck cut down affected tree branches. All State vacuuming up foam.

DEP's test results were 71ppm (compared to Con Ed's 199ppm).

Tanker removed 1100gal wash water from street area. AllState removed all solids from transformer vault. Tanker drained 250gal from transformer.

8/1/00 Splice chamber and west vault adjacent to V583 needed to be cleaned also. Removed 14 barrels of solids. Double washed sturcture with slix. Weep hole connections were cleared. All three structures were washed.

4/5/01 Transformer in vault 0583 was removed. Four drums of PCB solid waste were removed. Double washed structure with bio-gen.

Map Identification Number 80 **90-15 QUEENS BLVD** **Spill Number: 9613982** **Close Date: 02/28/1997**
90-15 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 2055 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 9015 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	HESS OIL COMPANY	Spiller Phone:	(201) 437-1017
Notifier Type:	RESPONSIBLE PARTY	Notifier Name:	BILL KLIMEK	Notifier Phone:	(201) 437-1017
Caller Name:	BILL KLIMEK	Caller Agency:	HESS OIL COMPANY	Caller Phone:	(201) 437-1017
DEC Investigator:	MARTINKAT	Contact for more spill info:		Contact Person Phone:	

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
02/28/1997		OTHER	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	25.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: CALLER STATED THAT ONE OF HIS DRIVERS HAD A STONE THROWN UP FROM A TIRE AND PUNCTURED A SADDLE TANK.

DEC Investigator Remarks: CALL BILL 2:50 PM, 25-30 GLS- HESS CREW LEFT ONE HOUR AGO. SIDE OF STREET.

Map Identification Number 81 **MANHOLE 15104** **Spill Number: 9911178** **Close Date: 03/02/2000**
55TH AVE AT 97 STREET QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2176 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 55TH AVE / 97TH STREET
Revised zip code: 11368

Source of Spill: UNKNOWN
Notifier Type: RESPONSIBLE PARTY
Caller Name: RICHARD ROACH
DEC Investigator: O'CONNELL

Spiller: UNKNOWN
Notifier Name: JOE POVERELLA
Caller Agency: CON EDISON
Contact for more spill info: RICHARD ROACH

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/22/1999		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 1/2 PINT IN MANHOLE ON NO WATER

DEC Investigator Remarks:

CON ED
E2 MIS REPORT
12/22/99

While at location to do splicing on FDR 9q42- found approx. 1/2 pint unknown oil in MH 15104-S/S 55 Ave... No water in structure- Apears contained at this time- No sewers or waterways affected. No sewer connections. Ther is a sump, but not affected by oil. No outside impact.

DEC INSPECTOR NOTES

Need samples from sump after cleanout - PCB, 8270 +20 tics, 8021 + 10tics
12/22 left message for Ron James and paged him.
12/22/99 3:40pm - Ron James to determine if release is from CON ED equipment, if so, will sample for VOC's SVOC's PCB if not, PCB's only.

12/23/99 Message rom Ron James -cement sump.
No soil samples needed.
Cleanup ok.

Map Identification Number 82 **60-50 WOODHAVEN BLVD.** **Spill Number: 9208209** **Close Date: 02/22/1995**
60-50 WOODHAVEN BLVD. ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2231 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6050 WOODHAVEN BLVD.
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
Notifier Type: LOCAL AGENCY Notifier Name: Notifier Phone:
Caller Name: WASHINGTON HERNANDEZ Caller Agency: NYCDEP Caller Phone: (718) 595-4681
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/15/1992	02/22/1995	UNKNOWN	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: FD ON SITE CROSS REFERENCE TO SPILL # 9205605.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 83 **MANHOLE 16533** **Spill Number: 0001268** **Close Date: 09/20/2001**
55TH AVE AND 97TH PL QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2269 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 55TH AVE / 97TH PL
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: O'CONNELL Contact for more spill info: MIKE CESARE Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/02/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: spill is in a manhole they will cleanup pending results con edison ref # 131147

DEC Investigator Remarks:

Con Ed e2mis #131147 Notes:

5-2-00 5gal unknown oil on floor of manhole. Liquid sample taken returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. Shallow sump was sealed.

Map Identification Number 84 **90TH STR & QUEENS BLVD** **Spill Number: 9408301** **Close Date: 09/30/1994**
90TH ST & QUEENS BLVD ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2321 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 90TH ST / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
Notifier Type: CITIZEN Notifier Name: Notifier Phone:
Caller Name: JOHN ANDERSON Caller Agency: PRIVATE CITIZEN Caller Phone: (092) 294-1055
DEC Investigator: O'DOWD Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
09/22/1994	09/30/1994	UNKNOWN	GROUNDWATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
GASOLINE	PETROLEUM	-1.00	UNKNOWN	NO	0.00	UNKNOWN	YES

Caller Remarks: PASSED BY & NOTICED GASOLINE? FLOATING IN PUDDLE WHILE EXCAVATIONS GOING.

DEC Investigator Remarks:

10/10/95: This is additional information about material spilled from the translation of the old spill file: FLOATING ON PUDDLE.

Map Identification Number 85 **MANHOLE 11470** **Spill Number: 0009104** **Close Date: 12/21/2001**
100 SECOND ST/HORACE HARD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2358 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 102ND ST / HORACE HARDING BLVD
Revised zip code: NO CHANGE

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: FOLEY Contact for more spill info: MARK SCHLAGEL Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/07/2000		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	6.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: spill in the manhole on top of 300 gallons of water they will claen up pending results con edison ref 134267. ***update 07:24 11/7/00 173 ppm pcb.

DEC Investigator Remarks:

Con Ed e2mis #134267 Notes:

11-7-00 0118hrs
6gal unknown oil on 300gal water in manhole 11470. One sample taken.

11-7-00 LSN 00-10646 173ppm Aroclor 1260

11-7-00 1550hrs
Used and over 50 tanker to remove water and double wash entire structure. Oil-soaked non-asbestos arc proofing was removed from both feeders. Neither was found leaking. There is a sealed cement sump in structure from a previous oil cleanup. Cannot find source of leak, so will check structures to East and West. One drum of PCB solid waste was taken back to College Point.

Map Identification Number 86 **MANHOLE # 12120** **Spill Number: 0011590** **Close Date: 06/05/2001**
98TH ST/55TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2367 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone: ( ) -
Notifier Type: AFFECTED PERSONS Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: OKWUOHA Contact for more spill info: SEAN MCKEEVER Contact Person Phone: (212) 580-6763

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/26/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 300 GALLONS OF WATER. SAMPLE TAKEN AND CLEANUP IS PENDING RESULTS. CON ED 135247.

DEC Investigator Remarks:

1 gallon unknown oil on 300 gallon of water. No sewer, waterway or private residence affected. No smoke or fire. There is no joint regulator in structure, liquid seems contained, no substantial cracks on wass. Sample taken for PCb on a 4-6 hrs. priority

LSN 01-00866 5ppm

Update 1-29-01 2130hrs.

Structure was double washed and rinsed with Bio Gen and water. Cleanup completed and tag removed. Sump found cemented.

Map Identification Number 87 **65-20 BOOTH ST** **Spill Number: 9504462** **Close Date: 07/17/1996**
65-20 BOOTH ST REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2425 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 6520 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: DEC
Caller Name: MARTINKAT
DEC Investigator: MARTINKAT

Spiller: UNKNOWN
Notifier Name:
Caller Agency: NYS DEC
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 482-4933
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
07/12/1995		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: SPEEDY DRY NEVER CLEANED UP FROM OLD SPILL. OIL SOAKED DEBRIS IN CORNER OF TANK ROOM - HOT WATER PIPE LEAKING ONTO TANK.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 88 **SIDEWALK** **Spill Number: 9712123** **Close Date: 02/02/1998**
94TH ST / 54TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2523 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: CITIZEN
Caller Name: EDGAR LOPEZ
DEC Investigator: O'CONNELL

Spiller: UNK
Notifier Name: EDGAR LOPEZ
Caller Agency: CITIZEN
Contact for more spill info: ABOVE CALLER

Spiller Phone:
Notifier Phone: (718) 699-2899
Caller Phone: (718) 699-2899
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/30/1998		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	YES	0	GALLONS	NO

Caller Remarks: caller stated he just got home and saw an unknown oilly substance bubbling up from curb area on corner - req callback asap

DEC Investigator Remarks: Duplicate of spill report #9712129.

Map Identification Number 89 **MANHOLE 11918 55TH AVE AN** D 49 FEET WEST OF 99TH ST QUEENS, NY NO ZIP PROVIDED **Spill Number: 0103436** **Close Date: 07/20/2001**

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2625 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 55TH AVE / 49 FEET WEST OF 99TH ST
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Notifier Type: AFFECTED PERSONS
Caller Name:
DEC Investigator: O'CONNELL
Spiller: UNKNOWN FOR NOW
Notifier Name:
Caller Agency:
Contact for more spill info: CHARLIE MCCARTHY
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-6765

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/28/2001		UNKNOWN	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
OTHER PETROLEUM	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: they have a spill in thier manhole spill contained

DEC Investigator Remarks:

CON ED E2MIS REPORT 5-28-01

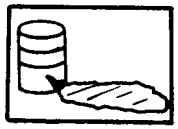
1pt. unknown oil on approx. 50gal. water in MH-11918. Liquid sample taken.

LSN 01-06923-001 <1.0ppm

17:45hrs.
Earthen sump was found. this job will b etaken off the 24hr. deminimus program.

18:15
Structure wa double washed with Bio Gen. Sump cemented, nosmaples were taken because there was no company leaking equipment, tag removed.

6-29-01
Waste product generated removed using diapers, coagulent and a vactor, Incident closed.



CLOSED STATUS HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/4 Mile. Between 1/4 Mile and 1/2 Mile, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

* - Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 90 **Spill Number: 9901045** **Close Date: 05/05/1999**

LI EXPRESSWAY/JUNCTION BL NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: I- 495 / JUNCTION BLVD
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: FIRE DEPARTMENT
Caller Name: FIREFIGHTER HACK
DEC Investigator: SACCACIO

Spiller: BUSH TRUCK RENTAL
Notifier Name: SAME
Caller Agency: HAZMAT 1
Contact for more spill info: NYC FIRE

Spiller Phone: (800) 766-2874
Notifier Phone:
Caller Phone: (917) 769-0483
Contact Person Phone: (917) 769-0483

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/27/1999		TRAFFIC ACCIDENT	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIESEL	PETROLEUM	30.00	GALLONS	NO	0.00	GALLONS	YES

Caller Remarks: TRAFFIC ACCIDENT AT ABOVE LOCATION. MATERIAL CONTAINED WITH SPEEDY DRY. FIRE DEPT CONTACTING DOT TO ASSIST WITH CLEAN UP. NO CALL BACK REQUESTED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 91 **VAULT #1854** **Spill Number: 9813989** **Close Date: 04/12/1999**

97TH ST & HORACE HARDING QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 635 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 97TH ST / HORACE HARDING BLVD
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: JOE DEVOTI
DEC Investigator: O'CONNELL

Spiller: CON ED
Notifier Name: MR POVERELLI
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone: (212) 580-6763
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
02/18/1999		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: CALLER REPORTING LEAK IN VAULT OF APPROX 2 QTS. SAMPLES TAKEN CLEAN UP PENDING RESULTS. CON ED #123119.

DEC Investigator Remarks:

cON ED e2mis notes:

Approx 2 qts of dielectric fluid in V1854 E/S 97st 207' S/O Horace Harding exp. on FDR 3Q95 on dry concrete floor, transformer is below min and was pressure tested and does not hold pressure. Historical records states 188ppm, however Mr. Calo thinks this unit may have been retrofilled recently, will verify and call back. No water involved, contained and no sewers or waterways affected. There are no sewer connections, sump pump or joint regulatro in structure.

Mr. Calo called back and stated that this transformer was retrofilled on 9/23/96. 15ppm pcb.

Initial cleanu is done. As per env. ops. The tm was drained and remaining cleanup to be completed after the TM is removed.

Flush Dept reported clean up completed in V1854 and oil tag was removed.

Map Identification Number 92 **REGULATOR #11/QUEENS** **Spill Number: 8710666** **Close Date: 03/22/1988**
94TH ST & LONG ISLAND EXP NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 959 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 94TH ST / 60TH AVE
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL | Spiller: NYCDEP | Spiller Phone:
Notifier Type: RESPONSIBLE PARTY | Notifier Name: | Notifier Phone:
Caller Name: WARREN YAO | Caller Agency: NYCDEP | Caller Phone: (212) 860-9304
DEC Investigator: CANZIANI | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/22/1988	03/22/1988	EQUIPMENT FAILURE	SURFACE WATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
RAW SEWAGE	NON-PETROLEUM/NON-HAZARDOUS	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: BLOCKAGE IN THE BRANCH INTERCEPTOR.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 93 **6295 SOUNDERS ST** **Spill Number: 9302777** **Close Date: 06/01/1993**
6295 SOUNDRS ST REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 996 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6295 SAUNDERS ST
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK | Spiller: MESS | Spiller Phone:
Notifier Type: OTHER | Notifier Name: | Notifier Phone:
Caller Name: KEN MUNIZ | Caller Agency: HESS OIL | Caller Phone: (201) 437-1017
DEC Investigator: CAMMISA. | Contact for more spill info: | Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
06/01/1993	06/01/1993	HUMAN ERROR	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	5.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: 6265 SOUNDERS ST ORDER WAS FOR BLDG SUPER SHOWED DRIVER 6295 WRONG ADDRESS (TANK VENT OVER FLOWED) - ALL CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 94 **JD BAKERY** **Spill Number: 9600772** **Close Date: 04/16/1996**
97-20 63 RD REGAL PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9720 63RD RD
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: CAROL FREY
DEC Investigator: TANG

Spiller: BAERENKLAU FUEL CO
Notifier Name: MAURICE DUDLEY
Caller Agency: BAERENKLAU FUEL CO
Contact for more spill info: MR TENNEBAUM

Spiller Phone: (718) 647-4200
Notifier Phone:
Caller Phone: (718) 647-4200
Contact Person Phone: (718) 896-1717

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/16/1996		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	NO	1.00	GALLONS	NO

Caller Remarks: patch on tank was knocked off causing spill - spill cleaned up

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 95 **97-20 63RD RD.** **Spill Number: 9213707** **Close Date: 03/12/1993**
97-20 63RD RD. REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9720 63RD RD.
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
Notifier Type: RESPONSIBLE PARTY
Caller Name: RICH HOUSTON
DEC Investigator: TANG

Spiller: BAERENKLAU
Notifier Name:
Caller Agency: BAERENKLAU FUEL
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 647-4200
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/12/1993	03/12/1993	TRAFFIC ACCIDENT	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	4.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: CAR JUMPED SIDEWALK & HIT NOZZLE. CAR DROVE AWAY. DRIVER FRANTICALLY SHUT OFF TRUCK PUMP. PERSON COMING OUT OF BAKERY RUINED $500 PR. OF SHOES. DEMANDS BAERENKLAU REPLACE-WHAT FUN! APPLIED SPEEDI-DRI.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 96 **9637 QUEENS BLVD** **Spill Number: 9713548** **Close Date: 03/06/1998**
9637 QUEENS BLVD REGAL PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: RESPONSIBLE PARTY
Caller Name: FRANK MINA
DEC Investigator: TANG

Spiller: MINA'S FUEL OIL
Notifier Name: FRANK MINA
Caller Agency: MINA'S FUEL OIL
Contact for more spill info: FRANK MINA

Spiller Phone: (718) 639-0536
Notifier Phone: (718) 639-0536
Caller Phone: (718) 639-0536
Contact Person Phone: (718) 639-0536

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/04/1998		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	3.00	GALLONS	NO	3.00	GALLONS	NO

Caller Remarks: Clogged vent pipe

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 97 **96-37 QUEENS BLVD/QUEENS** **Spill Number: 9011121** **Close Date: 01/19/1991**
96-37 QUEENS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9637 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: Spiller Phone: (718) 275-9312
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: JULIE O'BRIEN Caller Agency: PETRO CO Caller Phone: (718) 545-4500
DEC Investigator: TOMASELLO Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/19/1991	01/19/1991	EQUIPMENT FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: VENT WAS CLOGGED CAUSING SPILL,OIL CO TO SEND TEAM TO CLEAN UP & FIX.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 98 **96-37 QUEENS BLVD/QUEENS** **Spill Number: 9009240** **Close Date: 11/16/1994**
96-37 QUEENS BLVD QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1066 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9637 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: PETRO HEAT & POWER Spiller Phone: (718) 275-9312
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: JULIE O'BRIEN Caller Agency: PETRO HEAT & POWER Caller Phone: (718) 545-4500
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/24/1990	11/16/1994	HUMAN ERROR	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	150.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: DELIVERED PRODUCT TO WRONG ADDRESS, PETRO HEAT & POWER CLEANING UP WITH SPEEDY DRY & ODOR KILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 99 **BOWERY BAY REGULATOR #18** **Spill Number: 9010912** **Close Date: 01/13/1991**
98TH ST&HORACE HARDING EX NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1107 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST/HORACE HARDING EXWY S
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: GEORGE CHIAPONE
DEC Investigator: O'DOWD

Spiller: NYCDEP
Notifier Name:
Caller Agency: NYCDEP
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 372-7193
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/13/1991	01/13/1991	EQUIPMENT FAILURE	SURFACE WATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
RAW SEWAGE	NON-PETROLEUM/NON-HAZARDOUS	-1.00	UNKNOWN	NO	0.00	UNKNOWN	NO

Caller Remarks: BLOCK IN 12INCH BRANCH INTERCEPTOR,NOBODY AT SCENE OR NOTIFIED, WORKING ON UNBLOCKING IT,REFERRED TO SPEDES.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 100 **BOWERY BAY REGULATOR #22** **Spill Number: 9402911** **Close Date: 05/31/1994**
98TH STREET- L.I.E. QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1123 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST / LONG ISLAND EXWY
Revised zip code: UNKNOWN

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: RESPONSIBLE PARTY
Caller Name: MR. MCCULTHY
DEC Investigator: KRIMGOLD

Spiller: NYC DEP
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 372-7193
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/28/1994	05/31/1994	EQUIPMENT FAILURE	SURFACE WATER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
UNKNOWN PETROLEUM	PETROLEUM	3000	GALLONS	NO	0	GALLONS	NO

Caller Remarks: BLOCKED REGULATOR -PLACED REGULATOR- NO FURTHER ACTIONS- NO C/B

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 101 **63 AVE(SUBWAY STATION)** **Spill Number: 9301301** **Close Date: 04/27/1993**
63 AVENUE (SUBWAY STATION REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 1132 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11374

Source of Spill: OTHER COMM/INDUSTRIAL Spiller: LIRR Spiller Phone:
Notifier Type: RESPONSIBLE PARTY Notifier Name: Notifier Phone:
Caller Name: JOHN CAVOT Caller Agency: LIRR Caller Phone: (718) 217-3096
DEC Investigator: O'DOWD Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;NO DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
04/27/1993	04/27/1993	EQUIPMENT FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
PCB OIL	PETROLEUM	2.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: DOING MAINTENANCE ON A BAD TRANSFORMER PLUG RUPTURED CAUSING A SPILL.CON ED ON SCENE. COVERED SPILL IN PLASTIC AND TEST FOR PCB CONTAMINATION.NO CALL BACK NEEDED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 102 **94-11 59TH AVE/QUEENS** **Spill Number: 9004941** **Close Date: 02/13/1997**
94011 59TH AVENUE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1176 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9411 59TH AVENUE
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL
Notifier Type: OTHER
Caller Name: PAT GERAGHTY
DEC Investigator: MULQUEEN

Spiller:
Notifier Name:
Caller Agency: CASTLE OIL
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 823-8800
Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/03/1990		TANK OVERFILL	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	60.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: TANK OVERFILL DUE TO STOPPER LEFT OUT, CASTLE OIL WILL CLEAN UP WITH SPEEDY DRY, IF SOIL ID CONTAMINATED, MAY NEED ADDITIONAL CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 103 **96=66 QUEENS BLVD/QUEENS** **Spill Number: 9010028** **Close Date: 12/14/1990**
96-66 QUEENS BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1178 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9666 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: VESSEL
Notifier Type: OTHER
Caller Name: BOB DECK
DEC Investigator: NIEVES

Spiller: COASTAL OIL
Notifier Name:
Caller Agency: PETRO TANK CLEANERS
Contact for more spill info:

Spiller Phone: (718) 830-3660
Notifier Phone:
Caller Phone: (718) 624-4842
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
12/14/1990	12/14/1990	HUMAN ERROR	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	40.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: COASTAL OIL CO DRIVER OVERFILLED TANK, PRESSURE RELIEF VALVE RELIEVED,OIL WENT ONTO CONCRETE BASEMENT FLOOR.

DEC Investigator Remarks:

12/14/90: PETRO TANK CLEANERS USED VAC TRUCK & SPEEDY DRY, PICKED UP CONTAMINATED MATERIAL & DISPOSED, DEC CONFIRMED CLEAN UP.

Map Identification Number 104 **97-25 63RD DRIVE/QUEENS** **Spill Number: 9001614** **Close Date: 12/08/1992**
97-25 63RD DRIVE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1192 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9725 63RD DRIVE
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: BAERENKLAU Spiller Phone:
Notifier Type: AFFECTED PERSONS Notifier Name: Notifier Phone:
Caller Name: ANGELO TERLIZZI Caller Agency: BAERENKLAU Caller Phone: (718) 647-4200
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE WITH MINIMAL POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
05/10/1990	12/08/1992	EQUIPMENT FAILURE	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: LEAK IN 275GAL TANK IN CELLAR, 5GAL FELL ONTO FLOOR, USING ABSORBENT TO CLEAN UP SPILL, WILL PUMP OUT TANK & REPLACE BOTTOM.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 105 **APARTMENT BLDG** **Spill Number: 9708811** **Close Date: 04/02/1998**
96-04 57TH AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1586 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9604 57TH AVE
Revised zip code: NO CHANGE

Source of Spill: OTHER NON COMM/INSTITUTIONAL | Spiller: APARTMENT BLDG | Spiller Phone: ( ) -
Notifier Type: OTHER | Notifier Name: NYC DEP | Notifier Phone:
Caller Name: GARRY FLAMENBAUM | Caller Agency: MID-STATE MANAGEMENT | Caller Phone: (718) 575-4648
DEC Investigator: O'DOWD | Contact for more spill info: CARL NIVERYO | Contact Person Phone: (718) 271-5000

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
10/25/1997		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	1500	GALLONS	NO	0	GALLONS	YES

Caller Remarks: CALLER COMPANY IS THE OPERATOR OF THE APT BLDG - 1500 GAL INTO BASEMENT FROM DEFECTIVE GAUGE - NYC DEP IS AWARE

DEC Investigator Remarks:

THIS IS THE RESPONSIBLE PARTY'S OFFICIAL NOTIFICATION FOR SPILL # 97-08725 WHICH IMPACTED THE NYC SEWER SYSTEM AND CONTAMINATED THE 108TH STREET PUMPING STATION.
10/28/97 2:45 ARRIVED AT SITE. MET WITH RAY/ASST. SUPER. SPILL OCCURED FRIDAY NIGHT AT 12:00 PM. HE FIRST NOTICED IT ON SATURDAY MORNING WHEN HE CAME IN 6:00 AM. THERE WAS A BREAK IN THE PRESSURE GAUGE AND OIL SHOT UP AND ONTO FLOOR OF BOILER ROOM AND INTO SUMP PUMP. PUMP TURNED OFF AT 6:30 AM. MULQUEEN HIRED MILRO TO DO THE CLEAN UP. RAY RECONCILED STICK READINGS OF TANKS BEFORE AND AFTER AND ESTIMATED ABOUT 1500-1600 GAL #6 OIL. MILRO DID A GOOD CLEAN UP - POWERWASHED FLOORS. NO OIL IN SUMP, PADS PUT DOWN. CLOSE OUT & CROSS REFERENCE TO SPILL # 9708725.

Map Identification Number 106 **PS 139** **Spill Number: 9812486** **Close Date: 02/23/1999**
93-06 63RD DR REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1705 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11374

Source of Spill: OTHER NON COMM/INSTITUTIONAL | Spiller: PS 139 | Spiller Phone: ( ) -
Notifier Type: RESPONSIBLE PARTY | Notifier Name: PALO (DRIVER) | Notifier Phone: (718) 402-5107
Caller Name: ONEIDA RODRIGUEZ | Caller Agency: EAST COAST PETROLEUM | Caller Phone: (718) 402-5107
DEC Investigator: MULQUEEN | Contact for more spill info: JOE AMATO (SCA) | Contact Person Phone: ( ) -

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/09/1999		EQUIPMENT FAILURE	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	1000	GALLONS	NO	1000	GALLONS	NO

Caller Remarks: driver filling up temporary 3500 gal tank - tank fell over while filling - spill to ground - spill not contained req call back

DEC Investigator Remarks:

SCHOOL CONSTRUCTION AUTHORITY CONTRACTED WITH BG NATIONAL PLUMBING CONTRACTOR TO PERFORM RENOVATIONS TO THE BOILER SYSTEM OF PS 139Q. BG NATIONAL USED MOBIL STEAM BOILER CORP WHO DELIVERED A TEMPORARY STEAM BOILER MOUNTED IN A TRAILER BODY, AND A 3500 GALLON TANK TRAILER, WITH REAR WHEELS AND SUPPORT LEGS. THE TEMPORARY HEAT SYSTEM WAS DELIVERED TO THE SITE IN THE LAST WEEK OF SEPTEMBER, 1998. BG NATIONAL HAD PIPED THE BOILER SYSTEM TO THE SCHOOL AND EAST COAST PETROLEUM HAD THE CONTRACT WITH THE DIVISION OF SCHOOL FACILITIES TO DELIVER OIL. EAST COAST WAS DELIVERING OIL TO TANK TRAILER WHEN TRAILER SUPPORT LEGS COLLAPSED, AND TRAILER LURCHED FORWARD. DRIVER WAS INJURED WITH UNSPECIFIED BACK AND NECK PROBLEMS AND WAS TRANSPORTED TO HOSPITAL. PRODUCT RELEASED THROUGH TOP OF TANK TRAILER AND THROUGH CRACKS IN ALUMINUM BODY. PRODUCT IMPACTED STORM DRAIN IN SCHOOL COURTYARD, UNTIL FDNY COULD BLOCK DRAIN AND CONTAIN PRODUCT. FDNY 46TH BATTALIAN CHIEF ACERNO ORDERED EAST COAST TO HIRE A CLEANUP CONTRACTOR. EAST COAST NOTIFIED THEIR INSURANCE REPRESENTATIVE, SWEET CLAIMS, WHO HIRED TRI-STATE TO CLEAN UP THE RELEASE. MOBIL STEAM BOILER WAS CONTACTED, AND RETAINED PETROLEUM TANK CLEANERS IN CASE TANK TRAILER NEEDED TO BE CLEANED OR MOVED.
NYC BD OF ED SCHOOL DISTRICT 28 PLANT MANAGER, SUSAN DALASANDRO,
718-349-5478
NYC BD OF ED QUEENS BOROUGH PLANT MANAGER THOMAS MANGIOLOMINI,
718-349-5475
DEPUTY DIR. OF ADMINISTATION, SCHOOL FACILITIES, FRANK CARDELLO
718-391-6832
SCHOOL CONSTRUCTION AUTHORITY PROJECT MANAGER, JOSEPH AMATO
718-472-8144
46TH BATTALIAN CHIEF ACERNO 718-476-6246
BG INTERNATIONAL, BENEDETTO GIAMBRONA 718-476-2220
TRISTATE ARRIVED ON SCENE AT 13:36 HOURS FOR CLEANUP
3500 GALLON TANK NOT REGISTERED, NO SECONDARY CONTAINMENT, NO BACKFLOW PREVENTION, INADEQUATE SUPPORT, NO OVERFILL PROTECTION.

Map Identification Number 107 **55-25 97TH ST** **Spill Number: 9510872** **Close Date: 12/01/1995**
55-25 97TH ST ELMHURST, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2124 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 5525 97TH ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: RESPONSIBLE PARTY
Caller Name: KATHY MINA
DEC Investigator: TOMASELLO
Spiller: VACANT
Notifier Name: GUSTAVO LASERNA
Caller Agency: MINA'S FUEL OIL CO.
Contact for more spill info: GUSTAVO LASERNA
Spiller Phone: (718) 424-4700
Notifier Phone: (718) 424-4700
Caller Phone: (718) 639-0536
Contact Person Phone: (718) 424-4700

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
11/29/1995		HUMAN ERROR	ON LAND	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: CALLER DRIVER WAS TO MAKE A DELIVERY AT 55-25 96TH ST AND WENT TO 55-25 97TH ST INSTEAD. SPILL WAS PROBABLY OVER 100 GALLONS, CALLER STATES SPILL IS IN BASEMENT OF VACANT HOUSE AND SWEET CLAIMS COMP WAS CALLED TO CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 108 **65-61 SAUNDER ST.** **Spill Number: 9312070** **Close Date: 04/14/1994**
65-61 SAUNDER ST.
REGO PARK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2531 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6561 SAUNDERS ST
Revised zip code: 11374

Source of Spill: PRIVATE DWELLING
Notifier Type: LOCAL AGENCY
Caller Name: JEANNE SCHREIBER
DEC Investigator: GENE SULLIVAN
Spiller: UNK OIL CO.
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-6700
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
01/07/1994	04/14/1994	HUMAN ERROR	ON LAND	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	6000	GALLONS	NO	0	GALLONS	NO

Caller Remarks: DELIVERED TO OIL TANK WITH LEAK IN IT - CONTAINED IN BASEMENT - HAZMAT WAS NOTIFIED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 109 **SINRAM MARNIS/QUEENS BLVD** **Spill Number: 8804495** **Close Date: 12/04/1992**
98-51 QUEENS BLVD NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2595 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9851 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SINRAM MARNIS Spiller Phone: (212) 993-7656
Notifier Type: OTHER Notifier Name: Notifier Phone:
Caller Name: RANDY AUSTIN Caller Agency: NYSDEC Caller Phone: (718) 482-4933
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES POTENTIAL FOR FIRE OR HAZARD;DEC RESPONSE;WILLING RP;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
08/22/1988	12/04/1992	EQUIPMENT FAILURE	IN SEWER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Unk Quantity Spilled ?	Quantity Recovered	Units	Unk Quantity Recovered ?
#6 FUEL OIL	PETROLEUM	300.00	GALLONS	NO	0.00	GALLONS	NO

Caller Remarks: SPILL CAUSED BY POSSIBLE PROBLEM W/TANK GAUGE, CAUSING TANK OVERFILL, SPILL THROUGH VENT LINE ONTO STREET DOWN 2 BLOCKS./ALANTIC FUEL TO FINISH SOIL REMOVAL AND STAINING.DEC TO FOLLOWUP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 110 **102-28 63RD AVE. / QUEENS** **Spill Number: 8607816** **Close Date: 03/21/1987**
102-28 63RD AVE. NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2596 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 10228 63RD AVE.
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SAME Spiller Phone:
Notifier Type: OTHER Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Resource Affected	Meets Cleanup Standards	Penalty Recommended
03/20/1987	03/21/1987	ABANDONED DRUM	AIR	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SITE

Caller Remarks: FIRST HEARD OVER SCANNER - ETHER FUMES IN THE NEIGHBORHOOD, TRACED TOTHIS RESIDENCE.

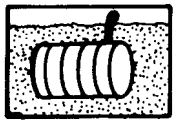
DEC Investigator Remarks:

10/10/95: This is additional information about material spilled from the translation of the old spill file: ETHER FUMES.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/4 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
9601838	LONG ISLAND EXPRESSWAY	EB AT QUEENS BLVD EXIT	NEW YORK
9304946	9745 QUEENS BLVD	9745 QUEENS BLVD	REGO PARK
9907242	VAULT 212	JUNTION BLVD - 57TH AVE	QUEENS
9007042	52-54 WETHEROLE ST/QUEENS	52-54 WETHEROLE STREET	NEW YORK CITY
9312125	96-02 57TH AVENUE	96-02 57TH AVENUE	ELMHURST
9314305	6420 SAUNDERS ST.	6420 SAUNDERS ST.	FOREST HILL
9404596	BOWRY BAY- 99TH ST-L.I.E.	BOWRY BAY-99TH ST-L.I.E.	QUEENS
9413966	99-44 62ND AVE	99-44 62ND STREET	REGO PARK
9202410	56-10 94TH ST	56-10 94TH ST	ELMHURST
9613977	92ND AND 57TH AVE	92ND AND 57TH AVE	QUEENS
9702885	N. OF MAIN LINE TRK LIRR	63RD DRIVE	QUEENS NY
8908295	QUEENS LIGHTHOUSE	60-05 WOODHAVEN BLVD	WOODHAVEN
9110313	94-01 64TH RD	94-01 64TH RD	REGO PARK
9212728	LIE & WOODHAVEN BLVD.	LIE & WOODHAVEN	FOREST HILLS
8909151	AMOCO S/S / QNS	L I E @ WOODHAVEN BLVD	QUEENS
9310009	56-25 92ND STREET	56-25 92ND STREET	ELMHURST
0005401	MANHOLE 16504	57 AV (190 FT W OF 99TH)	QUEENS
9413422	54-15 JUNCTION BLVD	54-15 JUNCTION BLVD	CORONA
9001041	90-05 63RD AVE/QUEENS	90-05 63RD AVENUE	NEW YORK CITY
9504201	90-05 63RD AVENUE	90-05 63RD AVENUE	REGO PARK
9511843	64-33 99TH ST	64-33 99TH ST	REGO PARK
9706272	60TH DR & WOODHAVEN	60TH DR. & WOODHAVEN	QUEENS
9507966	102-22 62ND RD	102-22 62ND RD	FORREST HILLS
0010055	MANHOLE 13763	63RD DR & ALDERTON ST	QUEENS
9500886	96-11 65TH ROAD	96-11 65TH ROAD	FOREST HILLS
9405804	54-08 JUNCTION BLVD	54-08 JUNCTION BLVD	ELMHURST
9801457	GETTY GAS STA.	6101 WOODHAVEN BLVD	REGO PARK

9701670	MARTINEZ AVE AND 100 ST	MARTINEZ AVE & 100TH ST	QUEENS NY
9312048	65-61 SAUNDERS ST.	65-61 SAUNDERS ST.	QUEENS
9511878	65-62 SAUNDERS ST	65-62 SAUNDERS ST	QUEENS
9413444	62-62 SAUNDERS ST	65-62 SAUNDERS AVENUE	REGO PARK
9500052	65-09 99TH STREET	65-09 99TH STREET	REGO PARK
8809343	KATZ RESIDENCE	63-105 ALDERTON ST	REGO PARK
9608554	63-105 ALDERTON ST	63-105 ALDERTON ST	REGO PARK
9011419	63-42 HARING ST/QUEENS	63-42 HARING STREET	NEW YORK CITY
9212193	63-42 HARING STREET	63-42 HARING STREET	REGO PARK
9511781	87-56 62ND ROAD	87-56 62ND ROAD	REGO PARK



**** PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 111 **AT&T REGO PARK** **Facility Id 2-341649** **Source: NYS DEC**
94-03 QUEENS BOULEVARD FLUSHING, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 570 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 11/16/2002
Facility Phone Number: (718) 520-4838

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	DIESEL	25000	UNDERGROUND	03/01/1974	11/01/1998	
002	IN SERVICE	DIESEL	25000	UNDERGROUND	03/01/1974	11/01/1998	
003	CLOSED-IN PLACE	EMPTY	25000	UNDERGROUND	11/01/1992		11/01/1992
004	CLOSED-IN PLACE	EMPTY	25000	UNDERGROUND	11/01/1992		11/01/1992

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
DIESEL	68334305	X	X			X	

Map Identification Number 112 **PARK PLAZA** **Facility Id 2-208604** **Source: NYS DEC**
61-25 97 ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 609 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6125 97TH ST
Revised zip code:

Expiration Date of the facility's registration certificate: 06/30/2002
Facility Phone Number: (718) 592-0630

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	12/01/1961		

Map Identification Number 113 **LSS LEASING CORP #1** **Facility Id 2-115029** **Source: NYS DEC**
96-05 HORACE HARDING BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 611 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/07/2002
Facility Phone Number: (718) 459-9021

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#1 2 OR 4 FUEL OIL	20000	UNDERGROUND	12/01/1966	05/01/1990	09/01/1999
002	IN SERVICE	#1 2 OR 4 FUEL OIL	4000	ABOVEGROUND ON LEGS RACKS ETC	09/01/1999		

Map Identification Number 114 **PARK PLAZA OWNER'S INC.** **Facility Id 2-602065** **Source: NYS DEC**
61-15 97TH STREET REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 624 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6115 97TH STREET
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/19/2005
Facility Phone Number: (718) 592-0630

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	12/01/1961		

Map Identification Number 115 **REGO REALTY** **Facility Id 2-305820** **Source: NYS DEC**
95-08 QUEENS BLVD REGO PK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 732 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 9508 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/14/2002
Facility Phone Number: (718) 459-1615

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 116 **ARGENTINE LEASING LIMITED PARTNERSHIP** **Facility Id 2-115525** **Source: NYS DEC**
97-05 HORACE HARDING EXPRESS WAY CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 821 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9705 HORACE HARDING BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/17/2002
Facility Phone Number: (718) 459-9021

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	12/01/1967		

Map Identification Number 117 **PUBLIC SCHOOL 206** **Facility Id 2-352721** **Source: NYS DEC**
61-21 97TH PLACE REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 857 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/28/2003
Facility Phone Number: (718) 271-8739

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	7500	UNDERGROUND VAULTED W/ ACCESS		03/01/1993	

002	IN SERVICE	#1 2 OR 4 FUEL OIL	7500	UNDERGROUND VAULTED W/ ACCESS	02/01/2001

Map Identification Number 118 **ALEXANDER'S INC.** **Facility Id 2-084611** **Source: NYS DEC**
95-21 63RD RD REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 864 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9521 63RD RD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 04/01/1999
Facility Phone Number: (212) 560-2135

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-RMVD FROM GROUND	UNLEADED GASOLINE	4000	UNDERGROUND	04/01/1980	08/01/1989	04/01/1994
002	CLOSED-RMVD FROM GROUND	EMPTY	4000	UNDERGROUND			04/01/1994
003	CLOSED-RMVD FROM GROUND	EMPTY	4000	UNDERGROUND			04/01/1994

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
UNLEADED GASOLINE	113373000	X	X			X	

Map Identification Number 119 **REGO PARK GARDENS** **Facility Id 2-329290** **Source: NYS DEC**
94-30 60TH AVENUE ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 880 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9430 60TH AVENUE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
Facility Phone Number: (718) 271-2442

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-RMVD FROM GROUND	#5 OR 6 FUEL OIL	6700	UNDERGROUND VAULTED W/ ACCESS	05/01/1960		06/01/1999
002	IN SERVICE	#1 2 OR 4 FUEL OIL	3000	ABOVEGROUND ON LEGS RACKS ETC	02/01/1994		

Map Identification Number 120 **COLOMBIA LEASING LIMITED PARTNERSHIP** **Facility Id 2-115339** **Source: NYS DEC**
97-15 HORACE HARDING BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 900 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9715 HORACE HARDING BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/07/2002
Facility Phone Number: (718) 459-9021

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	12/01/1967		

Map Identification Number 121 **LOST BATTALION HALL** **Facility Id 2-603338** **Source: NYS DEC**
93-29 QUEENS BLVD. REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 907 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9329 QUEENS BLVD.
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 02/13/2003
Facility Phone Number: (718) 263-1163

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	CLOSED-RMVD FROM GROUND	#1 2 OR 4 FUEL OIL	4000	UNDERGROUND	02/01/1998	03/01/1998	03/01/1998
The following tank was deleted from the reported data. Data reflects last reported information.							
2	IN SERVICE	#1 2 OR 4 FUEL OIL	4000	UNDERGROUND	03/01/1998		
001	IN SERVICE	#1 2 OR 4 FUEL OIL	4000	UNDERGROUND	03/01/1998		

Map Identification Number 122 **94-10 ASSOCIATES** **Facility Id 2-283215** **Source: NYS DEC**
94-10 60TH AVE ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 917 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9410 60TH AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/24/1992
Facility Phone Number: (718) 846-0113

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	ADMINISTRATIVELY CLOSED	#5 OR 6 FUEL OIL	8000	UNDERGROUND	12/01/1960		06/01/1994

Map Identification Number 123 **CLEAR HOLDING CO.** **Facility Id 2-346683** **Source: NYS DEC**
94-10 60TH AVE REGO PARK, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 917 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9410 60TH AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/14/2002
Facility Phone Number: (718) 760-2180

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	7500	UNDERGROUND		06/01/1998	

Map Identification Number 124 **93-54 QUEEN BLVD** **Facility Id 2-289922** **Source: NYS DEC**
93-54 QUEENS BLVD REGO PK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 925 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9354 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/24/2002
Facility Phone Number: (718) 459-1651

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	5000	ABOVEGROUND			

Map Identification Number 125 **93-40 QUEENS BLVD** **Facility Id 2-200158** **Source: NYS DEC**
93-40 QUEENS BLVD REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 935 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9340 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
Facility Phone Number: (718) 896-6523

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	5000	ABOVEGROUND ON LEGS RACKS ETC			

Map Identification Number 126 **REGO PARK GARDENS CONDOMINIUM** **Facility Id 2-332917** **Source: NYS DEC**
94-11 60 AVE ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 953 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9411 60 AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/14/2002
Facility Phone Number: (718) 271-2442

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	15000	UNDERGROUND	05/01/1960		06/01/1995
002	IN SERVICE	#1 2 OR 4 FUEL OIL	3000	ABOVEGROUND ON LEGS RACKS ETC	02/01/1994		

Map Identification Number 127 **HAMPTON HOUSE** **Facility Id 2-148636** **Source: NYS DEC**
93-10/24 QUEENS BLVD QUEENS, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 959 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 9310 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/22/2005
Facility Phone Number: (718) 896-4975

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	10000	UNDERGROUND	03/01/1950		

Map Identification Number 128 **PARK CITY 3&4 APARTMENTS, INC.** **Facility Id 2-272353** **Source: NYS DEC**
97-07 63RD ROAD REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 988 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9707 63RD ROAD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/18/2002
Facility Phone Number: (718) 897-2000

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	25000	UNDERGROUND VAULTED W/ ACCESS	12/01/1954		08/01/1994
002	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	25000	UNDERGROUND VAULTED W/ ACCESS	12/01/1954		08/01/1994
003	IN SERVICE	#1 2 OR 4 FUEL OIL	7500	ABOVEGROUND	08/01/1994		

Map Identification Number 129 **REGO REALTY** **Facility Id 2-332577** **Source: NYS DEC**
62-65 SAUNDERS ST REGO PK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1001 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6265 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
Facility Phone Number: (718) 459-1615

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 130 **REGO REALTY** **Facility Id 2-359564** **Source: NYS DEC**
62-95 SAUNDERS ST QUEENS, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1002 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6295 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
Facility Phone Number: (718) 459-1615

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 131 **REGO REALTY** **Facility Id 2-332585** **Source: NYS DEC**
63-07 SAUNDERS ST QUEENS NYC, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1008 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6307 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/28/2002
Facility Phone Number: (718) 459-1615

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 132 **M & L JACOBS INC** **Facility Id 2-096423** **Source: NYS DEC**
62-82 SAUNDERS STREET REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1043 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6282 SAUNDERS STREET
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/24/2002
Facility Phone Number: (718) 275-2434

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	3000	ABOVEGROUND	12/01/1934		

Map Identification Number 133 **JUPITER COURT CORP.** **Facility Id 2-147397** **Source: NYS DEC**
62-64 SAUNDERS ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1047 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6264 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/26/2002
Facility Phone Number: (516) 364-2923

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	5000	ABOVEGROUND			

Map Identification Number 134 **MARION COURT EQUITIES CORP.** **Facility Id 2-602375** **Source: NYS DEC**
62-98 SAUNDERS STREET REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1051 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6298 SAUNDERS STREET
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 07/31/2005
Facility Phone Number: (718) 896-3994

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
2	TEMP OUT OF SERVICE	#5 OR 6 FUEL OIL	5000	ABOVEGROUND	03/01/2001		
001	CLOSED-RMVD FROM GROUND	#5 OR 6 FUEL OIL	10000	UNDERGROUND		02/01/1999	02/01/2001

Map Identification Number 135 **EXXONMOBIL S/S #17-GBR** **Facility Id 2-157139** **Source: NYS DEC**
96-27 QUEENS BLVD REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1051 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/29/2002
Facility Phone Number: (718) 897-4495

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED BEFORE 4/1/91	UNLEADED GASOLINE	4000	UNDERGROUND	12/01/1978		
002	CLOSED BEFORE 4/1/91	UNLEADED GASOLINE	4000	UNDERGROUND	12/01/1978		
003	CLOSED BEFORE 4/1/91	LEADED GASOLINE	4000	UNDERGROUND	12/01/1973		
104	IN SERVICE	UNLEADED GASOLINE	4000	UNDERGROUND	11/01/1990	04/17/2001	
105	IN SERVICE	UNLEADED GASOLINE	4000	UNDERGROUND	11/01/1990	04/17/2001	
106	IN SERVICE	UNLEADED GASOLINE	4000	UNDERGROUND	05/01/1987	04/17/2001	
107	IN SERVICE	UNLEADED GASOLINE	4000	UNDERGROUND	05/01/1987	04/17/2001	
108	IN SERVICE	UNLEADED GASOLINE	4000	UNDERGROUND	05/01/1987	04/17/2001	
109	IN SERVICE	USED OIL	500	UNDERGROUND	05/01/1987		

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
UNLEADED GASOLINE	113373000	X	X			X	
UNLEADED GASOLINE	113373000	X	X			X	

Map Identification Number 136 **REGO REALTY** **Facility Id 2-305944** **Source: NYS DEC**
63-25 SAUNDERS ST REGO PK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1055 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6325 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/24/2002
Facility Phone Number: (718) 459-1615

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 137 **SAUNDERS APARTMENTS, INC.** **Facility Id 2-242659** **Source: NYS DEC**
63-109 SAUNDERS STREET QUEENS, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1057 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6310 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
Facility Phone Number: (718) 896-6902

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	5000	ABOVEGROUND			

Map Identification Number 138 **PARK CITY ESTATES TENANTS CORP** **Facility Id 2-342491** **Source: NYS DEC**
61-45 98TH ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1086 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 6145 98TH ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 12/14/2002
Facility Phone Number: (718) 592-0700

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	30000	UNDERGROUND	06/01/1960		07/01/2000
002	IN SERVICE	#1 2 OR 4 FUEL OIL	7000	ABOVEGROUND ON LEGS RACKS ETC	07/01/2000		

Map Identification Number 139 **REGO PARK GARDENSCONDOMINIUM** **Facility Id 2-329282** **Source: NYS DEC**
94-30 59TH AVENUE ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1098 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9430 59TH AVENUE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 10/23/2002
Facility Phone Number: (718) 271-2442

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	15000	UNDERGROUND	05/01/1960		06/01/1995
002	IN SERVICE	#1 2 OR 4 FUEL OIL	3000	ABOVEGROUND ON LEGS RACKS ETC	02/01/1994		

Map Identification Number 140 **PARK CITY ESTATES** **Facility Id 2-342483** **Source: NYS DEC**
61-25 98TH ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1101 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6125 98TH ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/23/2003
Facility Phone Number: (718) 592-0700

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	06/01/1960		07/01/2000
002	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	06/01/1960		07/01/2000
003	IN SERVICE	#1 2 OR 4 FUEL OIL	9000	ABOVEGROUND ON LEGS RACKS ETC	07/01/2000		

Map Identification Number 141 **SANDERS OWNERS CORP** **Facility Id 2-605419** **Source: NYS DEC**
63-45 SAUNDERS ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1160 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6345 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/16/2006
Facility Phone Number: (718) 997-1808

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	IN SERVICE	#5 OR 6 FUEL OIL	6000	ABOVEGROUND			

Map Identification Number 142 **CALMAR** **Facility Id 2-213985** **Source: NYS DEC**
92-40 QUEENS BLVD QUEENS, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1164 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 9240 QUEENS BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/30/2002
Facility Phone Number: (718) 846-2404

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	6500	ABOVEGROUND ON LEGS RACKS ETC			

Map Identification Number 143 **97-11 63RD DRIVE APTS. OWNERS, CORP.** **Facility Id 2-273252** **Source: NYS DEC**
97-11 63RD DRIVE REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1164 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9711 63RD DRIVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/18/2002
Facility Phone Number: (718) 897-6242

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	4000	UNDERGROUND	08/01/1960	04/01/1996	

Map Identification Number 144 **97-11 63RD DRIVE** **Facility Id 2-600151** **Source: NYS DEC**
97-11 63RD DRIVE REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1164 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9711 63RD DRIVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 06/05/1996
Facility Phone Number: (718) 896-4113

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	ADMINISTRATIVELY CLOSED	#5 OR 6 FUEL OIL	5000	UNDERGROUND			06/01/1997

Map Identification Number 145 **94-11 59TH AVE** **Facility Id 2-196282** **Source: NYS DEC**
94-11 59TH AVE QUEENS, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1170 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9411 59TH AVE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 09/19/2002
Facility Phone Number: (718) 271-0139

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND			

Map Identification Number 146 **94-11 59TH AVENUE** **Facility Id 2-600132** **Source: NYS DEC**
94-11 59TH AVENUE REGO PARK, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1170 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9411 59TH AVENUE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/29/1996
Facility Phone Number: (718) 271-0139

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	ADMINISTRATIVELY CLOSED	#5 OR 6 FUEL OIL	20000	UNDERGROUND			07/01/1995

Map Identification Number 147 **CEYLON LEASING LTD PARTNERSHIP** **Facility Id 2-115355** **Source: NYS DEC**
98-15 HORACE HARDING BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1245 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9815 HORACE HARDING BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/07/2002
Facility Phone Number: (718) 459-9021

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	02/01/1967		

Map Identification Number 148 **RITE AID STORE #4866** **Facility Id 2-600270** **Source: NYS DEC**
95-14 63RD DRIVE REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1250 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9514 63RD DR
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 08/12/2001
Facility Phone Number: (718) 896-0087

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#1 2 OR 4 FUEL OIL	2000	ABOVEGROUND			12/01/1995

Map Identification Number 149 **98-25 HORACE HARDING BLVD** **Facility Id 2-114987** **Source: NYS DEC**
98-25 HORACE HARDING BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1308 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9825 HORACE HARDING BLVD
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 05/19/2004
Facility Phone Number: (718) 271-7727

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	CLOSED-IN PLACE	#5 OR 6 FUEL OIL	20000	UNDERGROUND	01/01/1967		05/01/1999
002	IN SERVICE	#1 2 OR 4 FUEL OIL	10000	ABOVEGROUND ON LEGS RACKS ETC	05/01/1999		

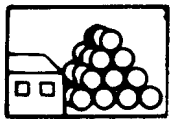
Map Identification Number 150 **SAUNDERS ST. OWNERS LTD.** **Facility Id 2-062111** **Source: NYS DEC**
61-41 SAUNDERS ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1310 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6141 SAUNDERS ST
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 01/14/2007
Facility Phone Number: (718) 335-0352

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	3000	UNDERGROUND VAULTED W/ ACCESS			
002	IN SERVICE	#1 2 OR 4 FUEL OIL	5000	UNDERGROUND VAULTED W/ ACCESS			



**** HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 151 **CONSOLIDATED EDISON** **Facility Id: NYP004000378**
V350-JUNCTION BLVD & LI EXPWY QUEENS, NY 11401

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION BLVD / I 495
Revised zip code: UNKNOWN

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	1966	KILOGRAMS	GENERATED	1996
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	7673	POUNDS	GENERATED	1996
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	1050	KILOGRAMS	GENERATED	1996

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 500 ppm or greater	1336363	X	X		X		5 ug/L

Map Identification Number 152 **CONSOLIDATED EDISON CO** **Facility Id: NYP004003661**
HH EXPY AND JUNCTION V7713 , NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: HORACE HARDING EXWY / JUNCTION BLVD
Revised zip code: 11373

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	1255	KILOGRAMS	GENERATED	1997

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 500 ppm or greater	1336363	X	X		X		5 ug/L

Map Identification Number 153 **CONSOLIDATED EDISON CO VS8161** **Facility Id: NYP004013579**
LIE AND JUNCTION , NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 436 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: I 495 / JUNCTION BLVD
Revised zip code: 11373

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	2372	KILOGRAMS	GENERATED	1997

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 154 **AT & T LONG LINES NYD980645816** **Facility Id: NYT370011694**
94-03 QUEENS BLVD. REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 570 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD.
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D002	Solid waste that exhibits the characteristic of corrosivity	470	GALLONS	GENERATED	1981

Map Identification Number 155 **AT&T COMMUNICATIONS- REGO PARK** **Facility Id: NYD980645816**
94-03 QUEENS BLVD NEW YORK, NY 10021
EPA (RCRA) Name: A T & T CORP
EPA (RCRA) Address: 94-03 QUEENS BLVD REGO PARK, 113741144

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 570 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: 14162

US EPA RCRA Type: Generator: SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

US EPA RCRA Violations:
Most Recent Info:
Violation Area: GENERATOR-ALL REQUIREMENTS
Violation Number: 0001
Violation Class: 2
Violation Type:
Responsible Agency: STATE
Violation Determination Date: 02/03/1984
Violation Priority:
Regulation:

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D009	Mercury	250	POUNDS	GENERATED	1999
D002	Solid waste that exhibits the characteristic of corrosivity	145	GALLONS	GENERATED	1995

D002	Solid waste that exhibits the characteristic of corrosivity	2000	POUNDS	GENERATED	1995
D007	Chromium	55	GALLONS	GENERATED	1995
F002	Spent halogenated solvents	190	GALLONS	GENERATED	1995
D008	Lead	975	POUNDS	GENERATED	1994
F001	Spent halogenated solvents used in degreasing	825	POUNDS	GENERATED	1993

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Mercury	7439976	X	X	X	X		.002mg/L*
Chromium	7440473	X	X				50ug/L*
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 156 **NEW YORK CITY DEP** **Facility Id: NYP010001931**
96-05 HORACE HARDING EXPWY QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 623 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING BLVD
Revised zip code: 11368

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	100	POUNDS	GENERATED	1996
D002	Solid waste that exhibits the characteristic of corrosivity	300	POUNDS	GENERATED	1996

Map Identification Number 157 **NYC DEP-AIR NOISE & MATERIALS LAB** **Facility Id: NYD987037587**
96-05 HORACE HARDING EXPWY CORONA, NY 11368
EPA (RCRA) Name: NYCDEP - BWS DWQC CENTRAL LABORATORY
EPA (RCRA) Address: 9605 HORACE HARDING EXPWY CORONA, 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 623 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING EXPWY
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator: SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	5	GALLONS	GENERATED	2000
D001	Solid waste that exhibits the characteristic of ignitability	547	POUNDS	GENERATED	2000
D002	Solid waste that exhibits the characteristic of corrosivity	6	GALLONS	GENERATED	2000
D002	Solid waste that exhibits the characteristic of corrosivity	25	POUNDS	GENERATED	2000
D009	Mercury	22	POUNDS	GENERATED	2000
D022	Chloroform	30	GALLONS	GENERATED	2000
D022	Chloroform	35	POUNDS	GENERATED	2000
F002	Spent halogenated solvents	15	GALLONS	GENERATED	2000
F002	Spent halogenated solvents	100	POUNDS	GENERATED	2000
F003	Spent non-halogenated solvents	35	GALLONS	GENERATED	2000
P087	Osmium oxide OsO4, (T-4)-	3	POUNDS	GENERATED	2000
P098	Potassium cyanide	12	POUNDS	GENERATED	2000
U003	Acetonitrile (I,T)	10	GALLONS	GENERATED	2000
U078	1,1-Dichloroethylene	7	POUNDS	GENERATED	2000
U080	Methane, dichloro-	9	GALLONS	GENERATED	2000
U080	Methane, dichloro-	45	POUNDS	GENERATED	2000
U159	2-Butanone (I,T)	120	POUNDS	GENERATED	2000
U211	Carbon tetrachloride	25	POUNDS	GENERATED	2000
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	8	KILOGRAMS	GENERATED	1999
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	73	KILOGRAMS	GENERATED	1999
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	22	KILOGRAMS	GENERATED	1999
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	1	POUNDS	GENERATED	1999
D001	Solid waste that exhibits the characteristic of ignitability	2	KILOGRAMS	GENERATED	1999
D004	Arsenic	40	POUNDS	GENERATED	1999
D008	Lead	25	POUNDS	GENERATED	1999
F001	Spent halogenated solvents used in degreasing	150	POUNDS	GENERATED	1999
F003	Spent non-halogenated solvents	310	POUNDS	GENERATED	1999
F005	Spent non-halogenated solvents	60	POUNDS	GENERATED	1999
P106	Sodium cyanide	10	POUNDS	GENERATED	1999
U003	Acetonitrile (I,T)	135	POUNDS	GENERATED	1999
U008	Acrylic acid (I)	10	POUNDS	GENERATED	1999
U036	Chlordane, alpha & gamma isomers	45	POUNDS	GENERATED	1999
U122	Formaldehyde	5	POUNDS	GENERATED	1999
U134	Hydrofluoric acid (C,T)	5	POUNDS	GENERATED	1999
U151	Mercury	10	POUNDS	GENERATED	1999

U161	Methyl isobutyl ketone (I)	35	POUNDS	GENERATED	1999
U162	Methyl methacrylate (I,T)	100	POUNDS	GENERATED	1999
D003	Solid waste that exhibits the characteristic of reactivity	11	POUNDS	GENERATED	1998
D007	Chromium	35	POUNDS	GENERATED	1998
D020	Chlordane	15	POUNDS	GENERATED	1998
U044	Chloroform	8	GALLONS	GENERATED	1998
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	20	POUNDS	GENERATED	1997
P030	Cyanides (soluble cyanide salts), not otherwise specified	5	POUNDS	GENERATED	1997
P105	Sodium azide	10	POUNDS	GENERATED	1997
U044	Chloroform	150	POUNDS	GENERATED	1997
U188	Phenol	35	POUNDS	GENERATED	1997
U117	Ethane, 1,1-oxybis-(I)	200	POUNDS	GENERATED	1996
P010	Arsenic acid H3AsO4	10	POUNDS	GENERATED	1994
U144	Acetic acid, lead(2+) salt	60	POUNDS	GENERATED	1994

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Mercury	7439976	X	X	X	X		.002mg/L*
Chloroform	67663	X	X	X	X	X	0.10 mg/L
Osmium oxide OsO4, (T-4)-	20816120	X		X	X		
Potassium cyanide	151508	X		X	X		
Acetonitrile (I,T)	75058	X	X	X	X	X	50 ug/L
1,1-Dichloroethylene	75354	X	X	X	X		5 ug/L
Methane, dichloro-	75092	X	X	X	X	X	5 ug/L
2-Butanone (I,T)	78933	X		X	X	X	50 ug/L
Carbon tetrachloride	56235	X	X	X	X	X	5 ug/L
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L
Arsenic	7440382	X	X	X	X		0.05mg/L*
Lead	7439921	X	X	X	X		0.05mg/L*
Sodium cyanide	143339	X	X	X	X		
Acetonitrile (I,T)	75058	X	X	X	X	X	50 ug/L
Acrylic acid (I)	79107	X	X	X	X	X	50 ug/L
Chlordane, alpha & gamma isomers	57749	X	X	X	X		5 ug/L
Formaldehyde	50000	X	X	X	X	X	50 ug/L
Hydrofluoric acid (C,T)	7664393	X		X	X	X	
Mercury	7439976	X	X	X	X		.002mg/L*
Methyl isobutyl ketone (I)	108101	X			X	X	50 ug/L
Methyl methacrylate (I,T)	80626	X	X	X	X	X	50 ug/L
Chromium	7440473	X	X				50ug/L*
Chlordane	57749	X	X	X	X		5 ug/L
Chloroform	67663	X	X	X	X	X	0.10 mg/L
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L
Cyanides (soluble cyanide salts), not otherwise specified	57125	X					
Sodium azide	26628228	X	X	X			

Chloroform	67663	X	X	X	X	X	0.10 mg/L
Phenol	108952	X	X	X	X	X	50 ug/L
Ethane, 1,1-oxybis-(I)	60297	X	X	X		X	50 ug/L
Arsenic acid H3AsO4	7778394	X		X	X		
Acetic acid, lead(2+) salt	301042	X	X	X	X		

Map Identification Number 158 **NYCDEP** **Facility Id: NYP003660792**
96-05 HORACE HARDING EXP CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 623 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING EXP
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D002	Solid waste that exhibits the characteristic of corrosivity	30	GALLONS	GENERATED	2000
F001	Spent halogenated solvents used in degreasing	30	POUNDS	GENERATED	2000
F002	Spent halogenated solvents	55	GALLONS	GENERATED	2000
U080	Methane, dichloro-	55	GALLONS	GENERATED	2000

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Methane, dichloro-	75092	X	X	X	X	X	5 ug/L

Map Identification Number 159 **NYC DEP** **Facility Id: NYP003660685**
96-05 HORACE HARDING EXPWY CORONA, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 623 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING EXWY
Revised zip code: 11368

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	55	GALLONS	GENERATED	1998

Map Identification Number 160 **NYCDEP** **Facility Id: NYP003660610**
96-05 HORACE HARDING EXPWY ELMHURST, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 623 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9605 HORACE HARDING EXPWY
Revised zip code: 11368

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	85	GALLONS	GENERATED	1998

Map Identification Number 161 **CONSOLIDATED EDISON** **Facility Id: NYP004050035**
V1097-6115 97TH ST NEW YORK, NY 10003

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 624 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6115 97TH ST
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	318	KILOGRAMS	GENERATED	2000
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	600	KILOGRAMS	GENERATED	2000

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 162 **CONSOLIDATED EDISON** **Facility Id: NYP004036984**
V3221-97TH & HOARCE HARDING EX QUEENS, NY 11401

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 635 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 97TH ST / HORACE HARDING BLVD
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	1427	KILOGRAMS	GENERATED	1999

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 163 **CONSOLIDATED EDISON** **Facility Id: NYP000929505**
LONG ISLAND EXP & 97TH ST BROOKLYN, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 688 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: I 495 / 97TH ST
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	350	KILOGRAMS	GENERATED	1997
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	1	CUBIC YDS	GENERATED	1997
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	450	GALLONS	GENERATED	1996

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 164 **CONSOLIDATED EDISON** **Facility Id: NYP000929521**
LONG ISLAND EXP & 97TH ST BROOKLYN, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 688 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: I 495 / 97TH ST
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	5933	KILOGRAMS	GENERATED	1997

B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	2	CUBIC YDS	GENERATED	1997
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	410	GALLONS	GENERATED	1996

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 500 ppm or greater	1336363	X	X		X		5 ug/L

Map Identification Number 165 **CONSOLIDATED EDISON COMPANY OF NEW YORK** **Facility Id: NYP004030110**
V4004-62 DR & QUEENS BLVD N/S, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 707 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 62ND DR / QUEENS BLVD
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	3145	KILOGRAMS	GENERATED	1999

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 166 **NYC BOARD OF EDUCATION** **Facility Id: NYR000010900**
61-21 97TH PLACE QUEENS, NY 11374
EPA (RCRA) Name: NYC BD OF ED - PUBLIC SCHOOL 206 QUEENS
EPA (RCRA) Address: 61-21 97TH PL QUEENS, 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 857 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	150	POUNDS	GENERATED	1995

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 167 **ALEXANDERS REGO PARK** **Facility Id: NYD051853216**
96-05 QUEENS BLVD REGO PARK, NY 11374
EPA (RCRA) Name: ALEXANDERS REGO PARK
EPA (RCRA) Address: 96-05 QUEENS BLVD REGO PARK, 113741139

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 866 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9605 QUEENS BLVD
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator: LARGE QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	5563660	POUNDS	GENERATED	1995
D008	Lead	200	CUBIC YDS	GENERATED	1995

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 168 **NEW YORK CITY DEPTOF ENVIRONMENTAL PROT** **Facility Id: NYP010001196**
60TH & 94TH ST QUEENS, NY 11373

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 959 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 60TH AVE / 94TH ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F002	Spent halogenated solvents	420	POUNDS	GENERATED	1994

Map Identification Number 169 **NEW YORK CITY DEPT OF ENVIRONMENTAL PROT** **Facility Id: NYP010001386**
59-17 JUNCTION BLLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1032 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 5917 JUNCTION BLVD
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	25	POUNDS	GENERATED	1996

D002	Solid waste that exhibits the characteristic of corrosivity	125	POUNDS	GENERATED	1996

Map Identification Number 170 **NEW YORK CITY DEPT OF ENVIRONMENTAL** **Facility Id: NYP010000867**
PROTECTION 59-17 JUNCTION BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1032 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 5917 JUNCTION BLVD
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D002	Solid waste that exhibits the characteristic of corrosivity	165	GALLONS	GENERATED	1992

Map Identification Number 171 **NEW YORK CITY DEPT ENV PROTECTION** **Facility Id: NYP010001212**
59-17 JUNCTION BLVD CORONA, NY 11368

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1032 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 5917 JUNCTION BLVD
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F003	Spent non-halogenated solvents	100	POUNDS	GENERATED	1994

Map Identification Number 172 **EVERGREEN DRY CLEANERS** **Facility Id: NYD981493471**
97-14 63RD ROAD REGO PARK, NY 11274
EPA (RCRA) Name: EVERGREEN DRY CLEANERS
EPA (RCRA) Address: 97-14 65TH RD REGO PARK, 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1049 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9714 63RD ROAD
Revised zip code: 11374

US EPA RCRA Type: Generator: SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F002	Spent halogenated solvents	310	POUNDS	GENERATED	1997

Map Identification Number 173 **MOBIL OIL CORPORATION** **Facility Id: NYD982181984**
17 GBR 96-27 QUEENS BLVD REGO PARK, NY 11401
EPA (RCRA) Name: MOBIL SERVICE STATION SS GBR
EPA (RCRA) Address: 96-27 QUEENS BLVD REGO PARK, 113741140

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1051 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: 11374

US EPA RCRA Type: Generator: SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	2250	POUNDS	GENERATED	1991

Map Identification Number 174 **NEW YORK TELPHONE** **Facility Id: NYP000911651**
IN FRONT OF 96-16QUEENS BLVD QUEENS, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1097 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9616 QUEENS BLVD
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	1815	GALLONS	GENERATED	1993

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 175 **CONSOLIDATED EDISON** **Facility Id: NYP004037750**
V383-SOYNDERS & 62ND AVE QUEENS, NY 11401

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1156 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: SAUNDERS ST / 62ND AVE
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	900	KILOGRAMS	GENERATED	1999

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Petroleum oil or other liquid containing 50 ppm < PCBs < 500	1336363	X	X		X		5 ug/L

Map Identification Number 176 **NYNEX** **Facility Id: NYP000793067**
QUEENS BLVD & 63RD DR FOREST HILLS, NY 11494

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1209 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	880	GALLONS	GENERATED	1993

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 177 **NYNEX** **Facility Id: NYP000909945**
QUEENS BLVD & 63RD DR QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1209 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	55	GALLONS	GENERATED	1993
D008	Lead	5	CUBIC YDS	GENERATED	1993

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 178 **ALVA CLEANERS** **Facility Id: NYD982538548**
97-16 63RD DRIVE REGO PARK, NY 11374
EPA (RCRA) Name: ALVA FRENCH CLEANERS
EPA (RCRA) Address: 97-16 63RD DR REGO PARK, 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1219 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9716 63RD DRIVE
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator:
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F002	Spent halogenated solvents	195	POUNDS	GENERATED	2000

Map Identification Number 179 **US POSTAL SERVICE** **Facility Id: NY7180011374**
92-24 QUEENS BLVD REGO PARK, NY 11374
EPA (RCRA) Name: US POSTAL SERVICE
EPA (RCRA) Address: 92-24 QUEENS BLVD REGO PARK, 113749998

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1226 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 9224 QUEENS BLVD
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported to NYS.				

Map Identification Number 180 **NYNEX** **Facility Id: NYP000933325**
QUEENS BLVD & ELLIST AVE QUEENS, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1227 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / ELLIST AVE
Revised zip code: UNKNOWN

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	4000	POUNDS	GENERATED	1997

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 181 **CLEAN LAND CLEANERS** **Facility Id: NYD981075245**
97-34 63RD DRIVE REGO PARK, NY 11374
EPA (RCRA) Name: CLEANLNAD CLEANERS
EPA (RCRA) Address: 97-34 63RD RD REGO PARK, 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1262 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9734 63RD DRIVE
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator:
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

The following violation(s) were either removed from the USEPA's database or the violation number and/or responsible agency changed:
US EPA RCRA Violations:
Historical Info: Violation Area: GENERATOR-ALL REQUIREMENTS Responsible Agency: STATE
Violation Number: 0001 Violation Determination Date: 10/18/1991
Violation Class: 2 Violation Priority:
Violation Type: Regulation:

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F002	Spent halogenated solvents	696	POUNDS	GENERATED	1995

Map Identification Number 182 **ANDRE FRENCH DRY CLEANING** **Facility Id: NYD981079759**
97-07 64TH AVENUE REGO PARK, NY 11374
EPA (RCRA) Name: ANDRE FRENCH CLEANERS
EPA (RCRA) Address: 97-07 64TH AVE REGO PARK, 113742230

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1277 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9707 64TH AVENUE
Revised zip code: NO CHANGE

US EPA RCRA Type: Generator: LARGE QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F002	Spent halogenated solvents	60	POUNDS	GENERATED	1995

Map Identification Number 183 **SUN VALLEY** **Facility Id: NYD053971172**
63-73 SAUNDERS ST REGO PARK, NY 11374
EPA (RCRA) Name: SUN VALLEY
EPA (RCRA) Address: 63-73 SAUNDERS ST REGO PARK, 113743137

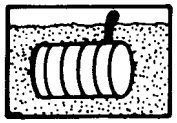
MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1312 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 6373 SAUNDERS ST
Revised zip code: NO CHANGE

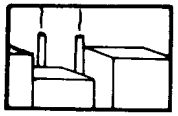
US EPA RCRA Type: Generator: SMALL QUANTITY GENERATOR
Storer: Transporter: Receives offsite waste:
Treatment facility: Incinerator: Land Disposal(LDF):

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported to NYS.				



**** NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****

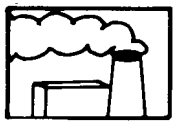


**** NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****

**** NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****



**** NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ****



**** AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS ****

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 184 **PARK PLAZA TENANTS** **FINDS Id: NYD986923431**
61-25 97TH STREET REGO PARK, NY 113690000

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 616 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6125 97TH STREET
Revised zip code: 11374

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 185 **PARK PLAZA TENANTS** **FINDS Id: NYD986923431**
61-25 97TH ST REGO PARK, NY 0

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 616 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6125 97TH ST
Revised zip code: 11374

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 186 **LEFRAK CITY** **Facility Id: 3608100060** **State-county CDS Id: 3608100060**
9705 HORACE HARDING EXPY FLUSHING, NY 113680000 State-county NED id:
EPA (FINDS) Name: LEFRAK CITY
EPA (FINDS) Address: 9705 HORACE HARDING EXPY FLUSHING 113680000

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 820 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9705 HORACE HARDING EXWY
Revised zip code: 11368

CDS-ID: 00060 NED-ID: None Given EPA-ID: NYD986879583 FINDS-ID: NYD986879583
Plant Phone #1: (718)271-7600 Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: CARBON MONOXIDE
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION
Pollutant: NITROGEN DIOXIDE
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION
Pollutant: TOTAL PARTICULATE MATTER
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION
Pollutant: SULFUR DIOXIDE
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 187 **ALEXANDERS INC** **Facility Id: NY081X1XU** **State-county CDS Id:**
96-05 QUEENS BOULEVARD FLUSHING, NY 11367 State-county NED id: 36081X1XU
EPA (FINDS) Name: ALEXANDERS INC
EPA (FINDS) Address: 96-05 QUEENS BOULEVARD QUEENS 11367

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (1)
Approximate distance from property: 849 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9605 QUEENS BLVD
Revised zip code: 11374

CDS-ID: None Given NED-ID: X1XU EPA-ID: NYD051853216 FINDS-ID: NYD051853216
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status:
EPA Classification:
State Classification:
EPA Plant Compliance Status:
State Plant Compliance Status:

AIR PROGRAM INFORMATION
No air program information given.

POLLUTANT INFORMATION
No air pollutant information given.

Map Identification Number 188 **PARK CITY III & IV APT.I** **Facility Id: 36081N1213** **State-county CDS Id: 36081N1213**
97-07 63 RD. QUEENS, NY 11374 State-county NED id:

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 987 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9707 63RD RD
Revised zip code: NO CHANGE

CDS-ID: N1213 NED-ID: None Given EPA-ID: None Given FINDS-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS
EPA Plant Compliance Status:
State Plant Compliance Status: IN VIOLATION WITH REGARD TO PROCEDURAL COMPLIANCE

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE — Program Status: PERMANENTLY CLOSED
Regulatory Air Program: UNKNOWN CODE (F) — Program Status: PERMANENTLY CLOSED
Regulatory Air Program: TITLE V PERMITS — Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: NITROGEN DIOXIDE
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION
Pollutant: NITROGEN DIOXIDE
State Pollutant Compliance for this pollutant: IN VIOLATION WITH REGARD TO PROCEDURAL COMPLIANCE

Map Identification Number 189 **DILMAC HOLDING** **Facility Id: 3608100708** **State-county CDS Id: 3608100708**
62-95 SAUNDERS STREET FLUSHING, NY 113740000 State-county NED id:
EPA (FINDS) Name: DILMAC HOLDING
EPA (FINDS) Address: 62-95 SAUNDERS STREET FLUSHING 113740000

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 989 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6295 SAUNDERS STREET
Revised zip code: NO CHANGE

CDS-ID: 00708 NED-ID: None Given EPA-ID: NY0001423136 FINDS-ID: NY0001423136
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - CERTIFICATION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: TOTAL PARTICULATE MATTER
State Pollutant Compliance for this pollutant: IN COMPLIANCE - CERTIFICATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 190 **FULLER TOOL CO.** **Facility Id: NY081X12N** **State-county CDS Id:**
62-95 SAUNDERS STREET FLUSHING, NY 11374 State-county NED id: 36081X12N
EPA (FINDS) Name: FULLER TOOL CO.
EPA (FINDS) Address: 62-95 SAUNDERS STREET QUEENS 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 989 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6295 SAUNDERS ST
Revised zip code: NO CHANGE

CDS-ID: None Given NED-ID: X12N EPA-ID: None Given FINDS-ID: NY0001423136
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status:
EPA Classification:
State Classification:
EPA Plant Compliance Status:
State Plant Compliance Status:

AIR PROGRAM INFORMATION
No air program information given.

POLLUTANT INFORMATION
No air pollutant information given.

Map Identification Number 191 **DILMAC HOLDING** **FINDS Id: NYD986880540**
62-95 SAUNDERS QUEENSBURY, NY 12801

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 989 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6295 SAUNDERS ST
Revised zip code: 11374

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 192 **MOBIL** **Facility Id: 3608100184** **State-county CDS Id: 3608100184**
96-27 QUEENS BLVD LONG ISLAND CITY, NY 11374 State-county NED id:
EPA (FINDS) Name: MOBIL
EPA (FINDS) Address: 96-27 QUEENS BLVD LONG ISLAND CITY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1043 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

CDS-ID: 00184 NED-ID: None Given EPA-ID: NYD982181984 FINDS-ID: NYD982181984
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING
Regulatory Air Program: UNKNOWN CODE (F) Program Status: PERMANENTLY CLOSED

POLLUTANT INFORMATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 193 **QUEENS 63 SERVICE STATION** **Facility Id: 3608100394** **State-county CDS Id: 3608100394**
9627 QUEENS BLVD LONG ISLAND CITY, NY 11374 State-county NED id:
EPA (FINDS) Name: QUEENS 63 SERVICE STATION
EPA (FINDS) Address: 9627 QUEENS BLVD LONG ISLAND CITY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1043 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

This site has been delisted from the current data. The data below is the last known.

CDS-ID: 00394 NED-ID: None Given EPA-ID: None Given FINDS-ID: NY0001499953
Plant Phone #1: (718)897-4495 Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 194 **ALVA FRENCH CLEANER** **Facility Id: 3608100720** **State-county CDS Id: 3608100720**
97-16 63 ROAD FLUSHING, NY 113790000 State-county NED id:
EPA (FINDS) Name: ALVA FRENCH CLEANER
EPA (FINDS) Address: 97-16 63 ROAD FLUSHING 113790000

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1064 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9716 63RD ROAD
Revised zip code: 11374

CDS-ID: 00720 NED-ID: None Given EPA-ID: NYD982538548 FINDS-ID: NYD982538548
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: SIP SOURCE Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: VOLATILE ORGANIC COMPOUNDS
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 195 **PARK CITY ESTATES TENANTS CORP** **Facility Id: 36081P0024** **State-county CDS Id: 36081P0024**
6155 98TH ST QUEENS, NY 11374 State-county NED id:

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1094 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

CDS-ID: P0024 NED-ID: None Given EPA-ID: None Given FINDS-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification:
State Classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS
EPA Plant Compliance Status:
State Plant Compliance Status: IN COMPLIANCE - INSPECTION

AIR PROGRAM INFORMATION
Regulatory Air Program: TITLE V PERMITS Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: NITROGEN DIOXIDE
State Pollutant Compliance for this pollutant: IN COMPLIANCE - INSPECTION

Map Identification Number 196 **ALVA FRENCH CLEANERS** **FINDS Id: NYD982538548**
97-16 63RD DR REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1230 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9716 63RD DR
Revised zip code: NO CHANGE

This site was identified in the EPA FINDS database. No air pollutant information given here.

Map Identification Number 197 **ANDRE DRY CLEANERS** **Facility Id: 3608100847** **State-county CDS Id: 3608100847**
97-07 64TH AVENUE REGO PARK, NY 11374 State-county NED id:

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1284 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 9707 64TH AVENUE
Revised zip code: NO CHANGE

CDS-ID: 00847 NED-ID: None Given EPA-ID: None Given FINDS-ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
State Classification: CLASS IS UNKNOWN
EPA Plant Compliance Status:
State Plant Compliance Status: NO APPLICABLE STATE REGULATION

AIR PROGRAM INFORMATION
Regulatory Air Program: MACT (SECTION 63 NESHAPS) Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: TETRACHLOROETHYLENE (PERCHLOROETHYLENE)
State Pollutant Compliance for this pollutant: NO APPLICABLE STATE REGULATION

**** NO CIVIL ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS ****

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
Junction Blvd, Rego Park
Rego Park, NY 11374

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

NEW YORK CITY FIRE DEPARTMENT TANK SEARCH
AT THE LOCATION OF
Junction Blvd, Rego Park
Rego Park, NY 11374

None Identified.

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Unmappable facilities for 'Queens' County

Hazardous Substance Waste Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0353	CORONA MEADOWS YARD SITE	U	U	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
41T95	TULLY ENVIRONMENTAL, INC.			UNKNOWN
41T63	LIZZA, LIZZA, HOCHREITER			UNKNOWN
41T58	BERLIN WRECKING			UNKNOWN
41T43	SALVATORE RUSSO INC.			UNKNOWN
41T31	M. DELLACONA CARTING T.S.			UNKNOWN
41D09	HARRY M GREENFIELD			UNKNOWN
41D04	MTA DEMO SITE			UNKNOWN
41D03	CAPITAL PROJECT SE-43A			UNKNOWN
41D01	NY NEWS GRAVURE PLANT			UNKNOWN
		TOLEDO ST.	QUEENS	UNKNOWN
		ADDESLEIGH PARK	QUEENS	UNKNOWN
		231ST ST. & 14TH AVE.	QUEENS	UNKNOWN
		WOODHAVEN BLVD	QUEENS	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0106149	CRAUSE MANGEMENT	70 ROSS ST	BROOKLYN	UNKNOWN
9503273	1868 LINDEN BLVD	1868 LINDEN BLVD	QUEENS	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9204979				UNKNOWN
9900058	SERVICE BOX SB21493	362 13TH ST	BROOKLYN	UNKNOWN
0012026	MANHOLE 15470	63RD AVE & AUSTIN AVE	BROOKLYN	11374
0007137	LI RAILROAD	VANDAM ST	LONG ISLAND CITY	UNKNOWN
9904431		FLUSHING/QUARTER AVE	MANHATTAN	UNKNOWN
9810329		LUTHERAN AV & JUNIPER BL	MIDDLE VILLAGE	UNKNOWN
9811800	MAN HOLE #8914	METROPOLITAN & UNDERDONK	NEW YORK	UNKNOWN
9515406	WOODHAVEN BLVD/ 63RD ST	WOODHAVEN BLVD/ 63RD ST	NEW YORK	11374
9914418	MANHOLE #11470	SO SERVICE RD	NYC	UNKNOWN
9911503	SERVICE BOX 8592	W SIDE 29TH /30TH AVE	QUEENS	UNKNOWN
9910533	SERVICE BOX 8157	IFO 133 GERRY ST	QUEENS	UNKNOWN
9909575	TALLMAN ISLAND REG. #6	TALLMAN ISLAND	QUEENS	UNKNOWN
9907739	MANHOLE 14180	W WEST SEVICE RD VAN WYCK	QUEENS	UNKNOWN
9906772	LONG ISLAND SOUND	BAYSHORE MARINA	QUEENS	UNKNOWN
9906541	IN SUBWAY A-LINE	EUCLID AVE	QUEENS	UNKNOWN
9906336	MANHOLE #14034	UNION TPK & 13TH ST	QUEENS	UNKNOWN
9905090	JAMAICA SUB STATION	VALLEY STREAM SUB STATION	QUEENS	UNKNOWN
9904598	MANHOLE #17120	MERIDIAN RD & 38TH ST	QUEENS	UNKNOWN
9901895	MANHOLE 16465	NORTHSIDE OF SOUTH ROAD	QUEENS	UNKNOWN
9813259	TM #6653	UNION TPK	QUEENS	UNKNOWN
9812840	SERVICE BOX 55724	6725 68TH ST	QUEENS	UNKNOWN
9812626	MANHOLE 12616	HORRIS HARDING BLVD	QUEENS	UNKNOWN
9809777	MAN HOLE 15117	SO SERVICE RD/GRND CEN PK	QUEENS	UNKNOWN
9809154	HORRIS HARDIN EXPRESSWAY	HORRIS HARDIN EXPRESSWAY	QUEENS	UNKNOWN
9809095	MANHOLE 11468	HORASE HARDING EXPRESSWAY	QUEENS	UNKNOWN
9710826	INSIDE PARK	NO PERIMETER RD/RODMAN ST	QUEENS	UNKNOWN
9516006	FLUSHING AIRPORT	20TH AV/132ND ST	QUEENS	UNKNOWN
9300856	33RD AVE - MANY RESIDENCE	33RD AVE - MANY RESIDENCE	QUEENS	UNKNOWN
0108873	MANHOLE 12349	QUEENS BLVD	QUEENS	UNKNOWN

0108588	MANHOLE 14607	NB HORACE HARDING EXPWY	QUEENS	UNKNOWN
0108503	MANHOLE 11472	HORACE HARDING EXPRESSWAY	QUEENS	UNKNOWN
0105639	MANHOLE #5289	LIBERTY AVE & VANSICLEN	QUEENS	UNKNOWN
0011634	MANHOLE 17294	MERIDIAN RD & GR CENT PK	QUEENS	UNKNOWN
0011543	QUEENS CIVIL COURT	89-17 SUFFREN BL	QUEENS	UNKNOWN
0010608	BUILDING	4051 TENMAN ST	QUEENS	UNKNOWN
0010343	OPEN EXCAVATION	1ST AV & LITTLE NECK PKWY	QUEENS	UNKNOWN
0008357	AVE K/20TH AV	BY B-154	QUEENS	UNKNOWN
0006269	RIVER	EAST RIVER	QUEENS	UNKNOWN
0005257	IN STORM SEWER	130 5TH AV & 131ST ST	QUEENS	UNKNOWN
0004301	VALVE BOX	44-07 FERNEN BLVD	QUEENS	UNKNOWN
0004027	UNDER THROGS NECK BRIDGE	12TH AVE	QUEENS	UNKNOWN
0003912	UNDER THROGS NECK BRIDGE	12 TH AVE	QUEENS	UNKNOWN
0000622	MANHOLE 14459	GRAND CENTRAL PARK	QUEENS	UNKNOWN
0000465	MANHOLE 12190	168TH ST & W50TH AV	QUEENS	UNKNOWN
0000235		164 EAST 27TH ST	QUEENS	UNKNOWN
9912344		111-30 WHITTHOFF ST	QUEENS VILLAGE	UNKNOWN
0106839	CREEDMOORE PSYCHIATRIC	80-45 WINCHESTER BL	QUEENS VILLAGE	UNKNOWN
0009832	CREEDMOOR PYCH CENTER	8045 WINCHESTER BLVD	QUEENS VILLAGE	UNKNOWN
0004106	BETWEEN	ASTORIA & HELGATE	QUEENS/BRONX	UNKNOWN
0104864	RAINEY STATION PUMPHOUSE	# 8 BY WEST 110TH ST	QUUENS	UNKNOWN
0010058	BY GERNERATOR 60	MANDINICI RD	RIKERS ISLAND	UNKNOWN
0105220	JAMAICA BAY	WEST 17TH ROAD	ROCKAWAY	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9809489	GLOBAL TRAVEL WAYS	OPPOSITE 126 POWER CLOVE	BLVD - QUEENS	UNKNOWN
0106256		3000 EXPRESS WAY DR S	CENTRAL ISLAIT	UNKNOWN
0109047	402 SHORE ROAD	402 SHORE ROAD	DOUGLASTON NY 11363	UNKNOWN
0006606	RIKERS ISLAND PRISON	ROAD PAST GATE 8	E ELMHURST	UNKNOWN
0102601	DEAD END	44 TH ST SOUTH OF EDGEMEE	EDGEMERE	UNKNOWN
0007302		255-33 JAMAICA AVE	FLORAL PARK	UNKNOWN
9207724	108 HORACE HARDING BLVD.	108 HORACE HARDING BLVD.	FLUSHING	UNKNOWN
0003995	PARK DR EAST PUMPING STAT	77TH AV & 73 TERRANCE	FLUSHING	UNKNOWN
9408155	VAN WYCK & HARBOR BASE	3 FLUSHING PK E.-VAN WYCK	FLUSHING MEADOWS	UNKNOWN
9905684		19 MANRWOOD PL	FOREST HILLS	UNKNOWN
9501165	LIRR - MAIN LINE TRACK #4	MAIN LINE TRACK #4 -LIRR	FOREST HILLS	UNKNOWN
0013539		183-59 183RD ST	HOLLIS	UNKNOWN
9810177	1106-15 SUFFERN BLVD	1106-15 SUFFERN BLVD	JAMACA	UNKNOWN
9607531	90 3RD AVE	90 3RD AVE	JAMAICA	UNKNOWN
0006727	ON ROADWAY PAN AM BL	130TH PL & LEPORDS BL	JAMAICA	UNKNOWN
9303609	HILLSIDE AV, BEDFORD LIRR	HILLSIDE AVE & BEDFORD BV	JAMAICA, NY	UNKNOWN
0102544	BUILDING	55	JAMICA	UNKNOWN
9808321	LONG ISLAND CITY RAILROAD	PASSENGER YARD	LONG ISLAND	UNKNOWN
9911211	ROADWAY	253536TH ST	LONG ISLAND CITY	UNKNOWN
0108953	AMTRACK SUNNYSIDE YARD	3929 HONEYWELL STREET	LONG ISLAND CITY	UNKNOWN
0105798		104 ROSS ST	LONG ISLAND CITY	UNKNOWN
0105318		43-09 HUNTER ST	LONG ISLAND CITY	UNKNOWN
0009462	SUNNY SIDE YARD	3929 HUNNEYWELL ST	LONG ISLAND CITY	UNKNOWN
0008837	LONG ISLAND CITY YARD	PASSENGER YARD	LONG ISLAND CITY	UNKNOWN
0006877	LONG ISLAND CITY YARD	TRACK #2	LONG ISLAND CITY	UNKNOWN
9804418	APPLE FUEL OIL	55TH AVENUE	MASPETH	UNKNOWN
9909791	MANHOLE 5292	LIBERTY STREET AT BARBEY	NEW YORK	UNKNOWN
9909841	TM 6003	EAST 111 ST & ASTORIA	NEW YORK CITY	UNKNOWN
9905779	MANHOLE 15038	JUNCTION BLVD	NEW YORK CITY	UNKNOWN
9707611	MAIN LINE 3	5505 E OF 37 SIGNAL BRIDG	NEW YORK CITY	UNKNOWN
9008367	42-25 115TH ST/QUEENS	42-25 115TH STREET	NEW YORK CITY	UNKNOWN
9912198	LINDEN PL PUMPING STATION	LINDEL PL PUMPING STATION	QUEENS	UNKNOWN
9908000	VAULT VS4073	95TH AVENUE OPPOSITE 90TH	QUEENS	UNKNOWN
9906799	MAN HOLE #4289	38TH ST / 5TH AVE	QUEENS	UNKNOWN

9905806	MANHOLE 1788	101 AVE NORTHSIDE	QUEENS	UNKNOWN
9905677	MANHOLE #42611	SUTTER AV & LOGEN ST	QUEENS	UNKNOWN
9905002	POLE T32	IFO 164-14 GRYDERS LN	QUEENS	UNKNOWN
9904946	MANHOLE 5293	LIBERTY AVE/JEROME ST	QUEENS	UNKNOWN
9904670	ROCKLAND VBLVD AND	132 2ND AVE POLE 78727	QUEENS	UNKNOWN
9903957	MANHOLE 167340	SUTTER AV/PINE ST	QUEENS	UNKNOWN
9901012		124-15 31ST STREET	QUEENS	UNKNOWN
9814317	WORLDS FAIR MARINA	SHEA APPROACH RD	QUEENS	11368
9812830	DS8834	NORTH SIDE 81 AVE	QUEENS	UNKNOWN
9811507	TALLMAN REGULATOR 57	FLUSHING BAY	QUEENS	UNKNOWN
9810134	107 82ND AVENUE	107 82ND AVENUE	QUEENS	UNKNOWN
9807953	LINDEN SUB STATION	227 LINDEN BLVD	QUEENS	UNKNOWN
9806039	LONG ISLAND RR	HILLSIDE FACILITY	QUEENS	UNKNOWN
9706370	FEEDER #61	BETWEEN RANEY & FARAGON	QUEENS	UNKNOWN
9700709	CEDAR MANOR SUB STATION	CEDAR MANOR SUB STATION	QUEENS	UNKNOWN
9601287	LONG ISLAND RAILROAD LIRR	HILLSIDE MAINT.COMPLEX	QUEENS	UNKNOWN
9513178	FEEDER 18002	JAMAICA TO CORONA S/S	QUEENS	UNKNOWN
9500161	154-02 154TH ST/151 21 ST	154002 154TH ST/151 21 ST	QUEENS	UNKNOWN
9400075	DD SAUTELL AVE	26 SAUTEL AVE	QUEENS	11368
9210966	611 WEST 163RD STREET	611 WEST 163RD STREET	QUEENS	UNKNOWN
9013326	RAINEY TO DUNWOODIE S/S	RAINEY TO DUNWOODIE S/S	QUEENS	UNKNOWN
0108375	MAN HOLE # 11470	HORACE HARDING EXPWAY/99	QUEENS	UNKNOWN
0106485	FEEDER 61 346 KV FEEDER	RAINY SUB/TO FARROGOT SUB	QUEENS	UNKNOWN
0103793	SUNNYSIDE YARD	3929 HONEYWELL ST	QUEENS	UNKNOWN
0011500	RT 143 AT ROCKAWY BLVD	RT 143 AT ROCKAWAY BLVD	QUEENS	UNKNOWN
0011426	BROOKLYN QUEENS EXPRESSWA	Y EB LANE BELOW BLVD AV	QUEENS	UNKNOWN
0008617	CEDAR MANOR SUBSTATION	LYNDEN BLVD/GUY BREWER BL	QUEENS	UNKNOWN
0008411	POTHEAD TRANSFORMER	ROCKAWAY SUB STATION	QUEENS	UNKNOWN
0008360		AVE K & 20TH AVE	QUEENS	UNKNOWN
0007906		157-06 31ST AVE	QUEENS	UNKNOWN
0007060	IN SEWER	LIE WB 500 E/O TOLL PLAZA	QUEENS	UNKNOWN
0006934	RIVLAB TRANSPORTATION	6202 ALVINA AVE	QUEENS	UNKNOWN
0006928	UNION SUBSTATION	64TH ST	QUEENS	UNKNOWN
0005674	3429 COLLEGE POINT BLVD	FLUSHING POINT STATION	QUEENS	UNKNOWN
0005495		165-15 56TH AVENUE	QUEENS	UNKNOWN
0004172	COLOR ALL TECHNOLOGIES	684 3RD AV	QUEENS	UNKNOWN
0004171	SOUTHBOUND CLEARVIEW EXP	L.I.E.	QUEENS	UNKNOWN
0002750	OAKLAND UNIT SUB STATION	HORACE HARDING EXP	QUEENS	UNKNOWN
0000814	SUNNYSIDE AMTRACK YARD	3929 HONEYWELL ST	QUEENS	UNKNOWN
0011811	36TH STREET AND WOODHAVEN	BLVD TRACK D1	QUUENS	UNKNOWN
9906629	RIKERS ISLAND PRISON	15-15 HAZEN ST	RIKERS ISLAND	UNKNOWN
0010308		7502 AMSTEL BLVD	ROCKAWAY	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9501972	CLEARVIEW EXPWY	CLEARVIEW/THROGSS NECK	QUEENS	UNKNOWN
9307407	WEST OF MASPETH	WEST OF MASPETH	QUEENS	UNKNOWN
9303714	55-80 40TH STREET	55-80 40TH STREET	QUEENS	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9906837		68-32 68TH DR	FLUSHING	UNKNOWN
9210914	43-23 3RD AVE	43-23 3RD AVE	LONG ISLAND CITY	UNKNOWN
8709257	168 JAMAICA AVE/QUEENS	168 JAMAICA AVE	NEW YORK CITY	UNKNOWN
8707871	40-40 2ND ST/QU'NS/EUTECT	40-40 2ND ST	NEW YORK CITY	UNKNOWN
8704514	COLLEGE POINT BLVD./WILLE	COLLEGE PT. BLVD	NEW YORK CITY	UNKNOWN
8802622	85-09 1ST AVENUE	85-09 1ST AVENUE	NYC	UNKNOWN
9905763	NYC DOS QUEENS 13(B) GARA	153-67 146TH ST.	OZONE PARK	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8606300				UNKNOWN
8504394	QUEENS, QUEENS COUNTY	QUEENS, QUEENS COUNTY‘ADJ	ACENT ROCKAWAY BLVD	UNKNOWN
0105802	EAST RIVER	18TH ST	ASTORIA	UNKNOWN
9905248	ROCKAWAY BEACH	116TH ST	BROOKLYN	UNKNOWN
0005558	MANHOLE #36528	14TH AVE/61ST ST	BROOKLYN	UNKNOWN
8000059	APEX AUTO WRECKERS	APEX AUTO SALVAGE	COLLEGE POINT/CORONA	UNKNOWN
9914381	NYC TRANSIT FACILITY	HAMMELS WYE	FAR ROCKAWAY	UNKNOWN
9905413	FLUSHING MEADOW PARK STRE	HORACE HOARDING PARKWAY	FLUSHING	UNKNOWN
0003329	CASEY STENGLE DEPOT	123-53 WILLIS POINT BLVD	FLUSHING	11368
8504087	UNKNOWN	UNKNOWN	FLUSHING, QUEENS	UNKNOWN
9313607	2324 EAST 71ST STREET	2324 EAST 71ST STREET	HOWARD BEACH	UNKNOWN
0104069		7709 135TH AVE	HOWARD BEACH	UNKNOWN
9813750	MANHOLE 13649	EAST SERVICE ROAD	NEW YORK	UNKNOWN
0105652	BOWERY BAY LOWER LEVEL	REGULATOR 19	NEW YORK	UNKNOWN
0003151	VS 1861	S SERVICE RD/JUNCTION BL	NEW YORK	UNKNOWN
9100508	ARVERNON BASIN/QUEENS	ARVERNON BASIN	NEW YORK CITY	UNKNOWN
9000248	LIRR/JAMAICA STORAGE FAC	LIRR/JAMAICA STORAGE FAC	NEW YORK CITY	UNKNOWN
8809899	MASPETH CROSSING/QUEENS	MASPETH CROSSING/JAMAICA	NEW YORK CITY	UNKNOWN
0130023	VERIZON	78-1157TH AVENUE	NEWTOWN	UNKNOWN
8805609	SHELLBANK BASIN	SHELLBANK BASIN	NYC	UNKNOWN
0011618	MANHOLE #11005	HORASE HARDING EXPRESS WY	QUEEN	UNKNOWN
9912842	ROADWAY	186 BEECH ST / 120TH ST	QUEENS	UNKNOWN
9909358	FARRENTON ST/DURANTE PROP	31 DRIVE & 32ND AVE	QUEENS	UNKNOWN
9906698	DOUG BAY PUMPING STATION	233RD ST & 21ST AVE	QUEENS	UNKNOWN
9906413	VS 8887	159TH ST / HORIS HARDING	QUEENS	UNKNOWN
9906411	MANHOLE 12034	153 AVE 81 / 150 1ST AVE	QUEENS	UNKNOWN
9906057	MANHOLE NUMBER 19887	660 INION TURNPIKE	QUEENS	UNKNOWN
9906051	MANHOLE 19888	IFO 120 UNION TRNPK	QUEENS	UNKNOWN
9905049	MAN HOLE # 6953	CRONA AVE / COLONIAL AVE	QUEENS	UNKNOWN
9902396	93RD ROAD 222ST &239TH ST	93RD RD 222ST & 239TH ST	QUEENS	UNKNOWN
9901593	MAN HOLE #997	HARRISON & FLUSHING AVE	QUEENS	UNKNOWN
9901025	MANHOLE #17277	WEST SIDE WILLETTS POINT	QUEENS	UNKNOWN
9814483	MANHOLE 2558	WOODRIDGE AVE/FLUSHING AV	QUEENS	UNKNOWN
9813286	VAULT #1	75-77 RUST ST	QUEENS	UNKNOWN
9811502	FLUSHING BAY	REGULATOR 57	QUEENS	UNKNOWN
9609182	DEP SEWER MAINT	13-25 32ND AVE	QUEENS	UNKNOWN
9601263	TEXACO	ROCKWAY BLVD	QUEENS	UNKNOWN
9507804	AREA OF AMBROSE LIGHT	AREA OF AMBROSE LIGHT	QUEENS	UNKNOWN
9502637	UNK	7 MIDLAND GARDEN	QUEENS	UNKNOWN
9315581	EAST OF BOUY #9	EAST OF BOUY #9	QUEENS	UNKNOWN
9312485	BACELLENA PT. LIGHT #7.	BACELLENA PT. LIGHT #7.	QUEENS	UNKNOWN
9309560	HIGHLEVE REGULATOR #23	HIGHLEVE REGULATOR #23	QUEENS	UNKNOWN
9309559	HIGHLEVEL REGULATOR #22	HIGHLEVEL REGULATOR #22	QUEENS	UNKNOWN
9211110	BB IVPCP HL	BB IVPCP HL	QUEENS	UNKNOWN
9206327	DOCK FOR COMMUTER III	DOCK FOR COMMUTER III	QUEENS	UNKNOWN
9105909	RIIS PARK BEACH	RIIS PARK BEACH	QUEENS	UNKNOWN
8503726	QUEENS	QUEENS	QUEENS	UNKNOWN
8503213	FLUSHING QUEENS	FLUSHING QUEENS	QUEENS	UNKNOWN
8503093	QUEENS	QUEENS	QUEENS	UNKNOWN
8000260			QUEENS	UNKNOWN
7901404	SUBWAY-NORTHERN BLVD.	SUBWAY-NORTHERN BLVD.	QUEENS	UNKNOWN
7801404	MIDLAND TAXI,SBWY-MIDLND.	MIDLAND TAXI,SBWY-MIDLND.	QUEENS	UNKNOWN
7800519	DREDGE PENNSYLVANIA	DREDGE PENNSYLVANIA	QUEENS	UNKNOWN
0108998	EAST BOUND	LONG ISL EXPRESSWAY	QUEENS	UNKNOWN
0106876	MANHOLE #1 IN FRONT OF	1 STATION SQUARE	QUEENS	UNKNOWN
0106604		20 TH AVE	QUEENS	UNKNOWN
0106536	0	FLUSHING CREEK	QUEENS	UNKNOWN
0105756	MANHOLE #13144	SERVICE RD	QUEENS	UNKNOWN
0105749	HUDSON RIVER	70TH ST	QUEENS	UNKNOWN

0011909		57TH DR & 246 CRESCENT AV	QUEENS	UNKNOWN
0011617	MANHOLE #17296	MERIDIAN RD & GRND CTR PK	QUEENS	UNKNOWN
0010543	NORTH SERVICE ROAD HORACE	HARDING EXPRESSWAY	QUEENS	UNKNOWN
0010180	MANHOLE #5535	20TH AV & 18TH AV	QUEENS	UNKNOWN
0010004	MANHOLE 14184	SB LANE VANWICK EXPRESSWY	QUEENS	UNKNOWN
0009995	RIKERS ISLAND	MANDINISI RD	QUEENS	UNKNOWN
0009868	MANHOLE 15339	METROPOLITIAN AVE/MORGAN	QUEENS	UNKNOWN
0008968	MANHOLE #17120 – FLUSHING	MEADOW PARK & MERIDIAN	QUEENS	UNKNOWN
0008661	MANHOLE #7287	BREEIAN BVLD & 42ND ST	QUEENS	UNKNOWN
0008116	MANHOLE 8084	71ST STREET AT 55TH AVE	QUEENS	UNKNOWN
0007315	MARINE PARKWAY BRIDGE	BEACH AND 169TH ST	QUEENS	UNKNOWN
0006906	MANHOLE 15012	WOODWARD AVE – DELKALB AV	QUEENS	UNKNOWN
0006902	MANHOLE 1113	ROOVELETL AVE & 33RD ST	QUEENS	UNKNOWN
0006276	MANHOLE 12372	WEST SIDE OF MAIN ST	QUEENS	UNKNOWN
0005149	MANHOLE 15117	23RD AVE	QUEENS	UNKNOWN
0005050	50 FT E OF MANHOLE 21475	FLUSHING MEADOW PARK	QUEENS	UNKNOWN
0004925	NYC DEPT OF DESIGN/CONST.	360 BEECH ST	QUEENS	UNKNOWN
0004471	MH 610	112TH/71ST ST	QUEENS	UNKNOWN
0004323	SB 9905	642 WILLOUGHBY AVE	QUEENS	UNKNOWN
0004117	MANHOLE #1836	48 TH ST & 330 TH AVE	QUEENS	UNKNOWN
0003486	MANHOLE 13883	SUPTHIN BL/BRINKER HOFF	QUEENS	UNKNOWN
0003051	MH13302	MENNES ST/ FRESH POND RD	QUEENS	UNKNOWN
0002448	MANHOLE #8263	EAST SERVICE R D/VAN WYCK	QUEENS	UNKNOWN
0002179	MANHOLE 12552	S SERVICE RD OF LIE	QUEENS	UNKNOWN
0001907	MANHOLE 51039 SERVICE BOX	78TH AVE/53RD ST	QUEENS	UNKNOWN
9302423	BROOKLYN QUEENS EXPWY	STRONG ODOR IN AIR	QUEENS ESPWY	UNKNOWN
0108937	MORRIS PARK YARD	UNKNOWN	RICHMOND HILL	UNKNOWN
9302959	393 LINDEN ST	393 LINDEN ST	RICHWOOD	UNKNOWN
9905398	JAMAICA BAY INLET	250 804 KRAFT AVE	ROSEDALE	UNKNOWN

Hazardous Spills – MISC. SPILL CAUSES – Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9214370	RT 495	RT 495		UNKNOWN
9407761	BUS STATION	2449 HARWAY AVE.	ASTORIA	UNKNOWN
9904244	CLEARVIEW PUMP STATION	CROSS ISLAND PY & ROW PL	BAYSIDE	UNKNOWN
0005995	LONG ISLAND RAILROAD	217TH AND 219TH STREET	BAYSIDE	UNKNOWN
9303902	15-34 97TH PLACE	15-34 97TH PLACE	CORONA	11368
8402177	NYC HIGHWAY DEPTFLUSH CRK	FLUSHING CREEK	CORONA	UNKNOWN
9407910	295 MAIN STREET	SCHOOL- 295 MAIN STREET	E. ROCKAWAY	UNKNOWN
9407259	52 13 ST	HAPFEL-52 13 ST	ELMHURST	11373
9601153	121 ST	121 ST	FAR ROCKAWY	UNKNOWN
9814297	VAULT 267	FLUSHING MEADOW PARK	FLUSHING	UNKNOWN
9305405	162-15 70TH AVENUE	162-15 70TH AVENUE	FLUSHING	UNKNOWN
9212831	FLUSHING REG #57,L22	FLUSHING REG # 57,L22	FLUSHING	UNKNOWN
9206497	STADIUM ROAD	STADIUM ROAD	FLUSHING	UNKNOWN
8606126	62ND ROAD / PUMP STATION	62ND ROAD	FLUSHING	UNKNOWN
8701091	NARAGANSETT BAY / FLUSHIN	FLUSHING CRK/NAGST. BAY	FLUSHING – RHODE ISLAND	UNKNOWN
9904401	RESIDENCE	19 MARKWOOD PLACE	FOREST HILLS	UNKNOWN
9411045	16 KRANFORTH ST	16 KRANFORTH ST	FOREST HILLS	UNKNOWN
9106243	LIRR/AUSTIN ST	LIRR/AUSTIN ST	FOREST HILLS	UNKNOWN
0002496	NEW YORK CLEANING EXPRESS	69?? 188TH ST	FRESH MEADOWS	UNKNOWN
0000135		72-24 22ND PLACE	GLENDALE	UNKNOWN
9310641	CR. OF HILLSIDE AVENUE	CR. OF HILLSIDE AVENUE	HILLSIDE	UNKNOWN
9908691	HANGAR 7 @VARIG BRAZILIAN	JFK AIRPORT	JAMAICA	UNKNOWN
9505842	150 24TH 132ND AVE	150 24TH ST & 132ND AVE	JAMAICA	UNKNOWN
9408397	JAMAICA STORAGE YARD	JAMAICA STORAGE YARD	JAMAICA	UNKNOWN
9311846	STEPHEN BLVD.	STEPHEN BLVD.	JAMAICA	UNKNOWN
9403980	LOG ISALND RAILROAD	LONG ISLAND RAILROAD	JAMAICA, NEW YORK	UNKNOWN
9108276	53-01 WOOSLEY STATION	53-01 WOOSLEY STATION	LIC	UNKNOWN
9813114		37-50 RAILROAD AVE	LONG ISLAND CITY	UNKNOWN

9416874	GASETERIA STATION #5	GASETERIA S/S #5	LONG ISLAND CITY	UNKNOWN
0011221		2132 CRESENT ST	LONG ISLAND CITY	UNKNOWN
8701755	62ND ROAD / QUEENS / BY-P	62ND ROAD	NEW YORK	UNKNOWN
9101903	W SIDE OF SOUTH ST/QUEENS	WEST SIDE OF SOUTH ST	NEW YORK CITY	UNKNOWN
9006056	NORTH CONDUIT BLV/QUEENS	NORTH CONDUIT BLVD	NEW YORK CITY	UNKNOWN
9004556	39-12 ELIOT AVE/QUEENS	39-12 ELIOT AVENUE	NEW YORK CITY	UNKNOWN
9004239	CREEDMORE PSYCHIATRIC CEN	80-45 WINCHESTER BLVD	NEW YORK CITY	UNKNOWN
8905650	122-16 3RD ST/QUEENS	122-16 3RD STREET	NEW YORK CITY	UNKNOWN
8902586	21ST ST & 59TH ST/QUEENS	21ST ST & 59TH ST	NEW YORK CITY	UNKNOWN
8810034	ARCHER AVE/QUEENS	ARCHER AVENUE	NEW YORK CITY	UNKNOWN
8807017	422 SOUTHERN BLVD/QUEENS	422 SOUTHERN BLVD	NEW YORK CITY	UNKNOWN
8709279	CLEARVIEW PUMP STA/QUEENS	CLEARVIEW PUMPING STATION	NEW YORK CITY	UNKNOWN
8709123	62ND RD PUMP STA/QUEENS	62ND ROAD PUMPING STATION	NEW YORK CITY	UNKNOWN
9902383	VANWYCK EXPESSWAY	NEAR LI EXPRESSWAY	NYC	UNKNOWN
8603568	73 TERRACE	73 TERRACE	NYC	UNKNOWN
8602215	BQE MURIATIC ACID SPILL	BROOKLYN-QUEENS EXPRSSWY	NYC	UNKNOWN
9910088	JAMACIA BAY WILDLIFE RES.	NORTH DYKE RD	QUEENS	UNKNOWN
9909687	48-47	205 STREET	QUEENS	UNKNOWN
9904301	POLE 67306	IFO 53-29 BROWVALE LN	QUEENS	UNKNOWN
9903877	MANHOLE 8972	63RD AV / 4TH PLACE	QUEENS	UNKNOWN
9901743	BQE	FLUSHING AVE	QUEENS	UNKNOWN
9814217	NASSAU EXP EB AND	129TH ST	QUEENS	UNKNOWN
9809715	BETWEEN 39TH & 40TH ST'S	15TH AV	QUEENS	UNKNOWN
9807097	MOBIL GASOLINE (ZORBAS)	QUEENS BLVD	QUEENS	UNKNOWN
9800348	107 82ND AV	107 82ND AV	QUEENS	UNKNOWN
9709630	4225 MAY STREET	4225 MAY STREET	QUEENS	UNKNOWN
9613706	L.I.E.	ABOVE 108TH ST/G.S. PKWY	QUEENS	UNKNOWN
9612693	LI EXPRESSWAY	SERVICE RD	QUEENS	UNKNOWN
9610027	CON ED	COLLEGE POINT CENTER	QUEENS	UNKNOWN
9606663	HORACE HARDING EXPWY	HORACE HARDING EXPWY	QUEENS	UNKNOWN
9507405	330 CALYER ST	330 CALYER ST	QUEENS	UNKNOWN
9404597	WWTP- L.I.E.	WWTP- L.I.E.	QUEENS	UNKNOWN
9403334	FLUSHING BAY	FLUSHING MEADOW PARK-BAY	QUEENS	UNKNOWN
9402391	MAURICE AVE - LOWER	MAURICE AVE - LOWER	QUEENS	UNKNOWN
9315490	221ST STREET	221 STREET	QUEENS	UNKNOWN
9313360	85TH RD	85TH RD	QUEENS	UNKNOWN
9312856	BQE EASTBOUND & MANHATTAN	BQE EASTBOUND & MANHATTAN	QUEENS	UNKNOWN
9312484	JONES INLET BOUY #4.	JONES INLET BOUY #4	QUEENS	UNKNOWN
9312483	RUNWAY CHANNEL	RUNWAY CHANNEL	QUEENS	UNKNOWN
9311790	1/4 NORTH SUBWAY BR IN	1/4 NORTH SUBWAY BR IN	QUEENS	UNKNOWN
9311698	REGULATOR 46 QUEENS	REGULATOR 46 QUEENS	QUEENS	UNKNOWN
9311404	98 ST, 80FT - OF LIC.	98 ST, 80FT - OF LIC	QUEENS	UNKNOWN
9311363	I-495 EB - OVERPASS	I-495 EB - OVERPASS	QUEENS	UNKNOWN
9308070	NASSAU HIGHWAY	NASSAU HIGHWAY	QUEENS	UNKNOWN
9306622	ALLONG L.I.E. IN QUEENS	ALLONG L.I.E. IN QUEENS	QUEENS	UNKNOWN
9305187	1211 REDBURNS DR.	1211 REDBURNS DR.	QUEENS	UNKNOWN
9304109	95-20 JUNCTION BLVD	95-20 JUNCTION BLVD	QUEENS	UNKNOWN
9106411	149TH AVE / STATE BLVD	149TH AVE / STATE BLVD	QUEENS	UNKNOWN
8807666	80-45 WINCHESTER BLV/QUNS	85045 WINCHESTER BLVD	QUEENS	UNKNOWN
0104832	POLE 47307	WESTSIDE OF 123RD ST	QUEENS	UNKNOWN
0104048		102 ST & BROADWAY	QUEENS	UNKNOWN
0101997	VS 0249	HORACE HARDING EXP/ 223 P	QUEENS	UNKNOWN
0100892	VAULT 8579	STYLER RD	QUEENS	UNKNOWN
0011482	CORONA SUBSTATION	55TH AVE	QUEENS	11368
0010310	ARCHER AVE/PARSONS BLVD	ARCHER AVE/PARSONS BLVD	QUEENS	UNKNOWN
0007186	LIE EASTBOUND	OCEANA ST	QUEENS	UNKNOWN
0006805	MANHOLE NYCMH1E	RIKER ISLAND BRIDE APPROC	QUEENS	UNKNOWN
0006285	TALLMAN ISLAND REG 023	UTOPIA PARKWAY	QUEENS	UNKNOWN
0006075	CLEARVIEW SUB STATION	210TH ST & 6TH AVE	QUEENS	UNKNOWN
0005471	DUNTON UNIT SUBSTATION	AVE 111/E SERVICE RD	QUEENS	UNKNOWN

0005009	LONG ISLAND EXP E/B	BEFORE LITTLE NECK PKWY	QUEENS	UNKNOWN
0004763	B149TH STREET AND	ROCKAWAY BLVD	QUEENS	UNKNOWN
0003068	VAULT 8953	64TH AV /QUEENS BLVD	QUEENS	UNKNOWN
0001295	LONG ISLAND EXPRESSWAY	LONG ISLAND EXPRESSWAY	QUEENS	UNKNOWN
9315187	JUNCTION BVLD & WOODHAVEN	JUNCTION BLVD & WOODHAVEN	REGO PARK	UNKNOWN
9110575	MP-4.4/TRACK #2/MAIN LINE	MP-4.4/TRACK #2/MAIN LINE	REGO PARK	UNKNOWN
9302138	94-14 33RD ST	BOILER ROOM 94-14 33RD ST	RICHMOND HILL	UNKNOWN
9804729	CAR REPAIR	111-02 BEACHTOWN DRIVE	ROCKAWAY PARK	UNKNOWN
0005093	GILBRALTER TRANSMISSION	252-02 B ROCKAWAY BLVD	ROSEDALE	UNKNOWN
9415423	1901 121ST AVENUE	1901 12ST STREET	ST. ALBANS	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-200921	L L DEVELOPMENT CORP	PO BOX 706	CONNA ELMHURST STATI	11373

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP980593636	CON ED	21557 SHEMAN BLVD EXT		UNKNOWN
NYP004026845	CONSOLIDATED EDISON CO	MH15520		UNKNOWN
NYP004026829	CONSOLIDATED EDISON CO	MH10118 PAULDING ST		UNKNOWN
NYP004026746	CONSOLIDATED EDISON CO	MH61418 PARK AVE & CLINTON		UNKNOWN
NYP004026720	CON ED	MH2097X GUNTHER AVE & SMART		UNKNOWN
NYP004026647	CON ED	V6802 1 STATE ST		UNKNOWN
NYP004026639	CONSOLIDATED EDISON CO	V8523 KEN GARDEN		UNKNOWN
NYP004026621	CONSOLIDATED EDISON CO	MH991 KINGSTON & MARCO AVE		UNKNOWN
NYP004026555	CONSOLIDATED EDISON CO	V4507 BEDFORD AVE		UNKNOWN
NYP004026407	CON ED	MH56240		UNKNOWN
NYP004026399	CON ED	MH840 CP AVE & CROSS ST		UNKNOWN
NYP004026381	CON ED	MH841 S BOUND CPA & CROSS ST		UNKNOWN
NYP004026191	CON ED	MH5714 7TH & 9TH AVE		UNKNOWN
NYP004026019	CONSOLIDATED EDISON CO	MH2246		UNKNOWN
NYP004025881	CON ED	WEST AVE & HOJVEY PLFEED 7		UNKNOWN
NYP004025854	CON ED	MH0174 MIDLAND & WINDOVER		UNKNOWN
NYP004025565	CONSOLIDATED EDISON CO	#57283 120 ST		UNKNOWN
NYP004025516	CONSOLIDATED EDISON CO	#58428 C/PW & 61 ST		UNKNOWN
NYP004025425	CONSOLIDATED EDISON CO	E SERVICE RD VAN WILK EXP		UNKNOWN
NYP004025375	CON ED 58 TRANS	BEAR RIDGE SUBSTATION		UNKNOWN
NYP004025342	CONSOLIDATED EDISON CO	VS7865		UNKNOWN
NYP004025128	CONSOLIDATED EDISON CO	V4202 30 AVE		UNKNOWN
NYP004024881	CON ED FEEDER 72	WEST AVE & HEJVEY PL		UNKNOWN
NYP004024758	CON ED MH156	435 SO CITYLINE ST		UNKNOWN
NYP004024741	CON ED V428	JUNCTION BLVD		UNKNOWN
NYP004024642	CON ED	MH35319		UNKNOWN
NYP004024576	CONSOLIDATED EDISON CO	OPEN EXCAVATION22-3441 ST		UNKNOWN
NYP004024428	CON ED	MH 16165		UNKNOWN
NYP004024253	CONSOLIDATED EDISON CO	V4191 129TH ST & LENNOY AVE		UNKNOWN
NYP004024170	CONSOLIDATED EDISON CO	V0870 98 ST 61 RD		UNKNOWN
NYP004024139	CONSOLIDATED EDISON CO	V8469		UNKNOWN
NYP004024006	CONSOLIDATED EDISON CO	MH167 NEW SCHOOL & PALKADE		UNKNOWN
NYP004023842	CONSOLIDATED EDISON CO	MH LIBERTY & COMFORT		UNKNOWN
NYP004023438	CON ED	7119 85 BEECHNUT		UNKNOWN
NYP004023156	CON ED	V407395TH AVE		UNKNOWN
NYP004022851	CONSOLIDATED EDISON CO	OXFORD RD & OXFORD PL CNR		UNKNOWN
NYP004022745	CON ED	#8519151AVE & 84ST		UNKNOWN
NYP004022711	CONSOLIDATED EDISON CO	#5001 BAWT & ODELL AVE		UNKNOWN
NYP004022703	CONSOLIDATED EDISON CO	#5712 BOLMER AVE& VALLEY AVE		UNKNOWN
NYP004022679	CON ED	V97961 CLAREMONT		UNKNOWN
NYP004022604	CONSOLIDATED EDISON CO	V8103 63 AVE		UNKNOWN
NYP004022547	CONSOLIDATED EDISON CO	MH8476 138 ST & WALTER AVE		UNKNOWN
NYP004022489	CON ED	#20694JERVIS RD		UNKNOWN

NYP004022422	CONSOLIDATED EDISON CO	V5228 FRESIT POMA RD	UNKNOWN
NYP004022067	CONSOLIDATED EDISON CO	MH22404 VAN	UNKNOWN
NYP004022059	CONSOLIDATED EDISON CO	V1708 5 BWAY MAN	UNKNOWN
NYP004022034	CONSOLIDATED EDISON CO	V14 LA COUNT PL	UNKNOWN
NYP004021606	CONSOLIDATED EDISON CO	V4269 THEALL RD	UNKNOWN
NYP004021572	CONSOLIDATED EDISON CO	TR60564 3RD AVE YARD	UNKNOWN
NYP004021549	CONSOLIDATED EDISON CO	MH60074 BWAY & 188TH ST	UNKNOWN
NYP004021515	CONSOLIDATED EDISON CO	TM1025 W 9TH ST & SMHH ST	UNKNOWN
NYP004021390	CONSOLIDATED EDISON CO	#1893 131 & 7TH AVE	UNKNOWN
NYP004021358	CONSOLIDATED EDISON CO	TM733 N/S GAVE E/O 162ND ST	UNKNOWN
NYP004021267	CONSOLIDATED EDISON CO	V5098 CANAL ST	UNKNOWN
NYP004021184	CONSOLIDATED EDISON CO	#8691 ORCHARD & CANAI	UNKNOWN
NYP004021010	CONSOLIDATED EDISON CO	#5717 IBM POST RD	UNKNOWN
NYP004020889	CONSOLIDATED EDISON CO	V 9075 AMBOY & ARC PL	UNKNOWN
NYP004020731	CONSOLIDATED EDISON CO	V7106 155 N 11TH ST	UNKNOWN
NYP004020616	CONSOLIDATED EDISON CO	437 FALSE ST	UNKNOWN
NYP004020319	CONSOLIDATED EDISON CO	#5402 WELLSAVE	UNKNOWN
NYP004020285	CONSOLIDATED EDISON CO	#1344 1151 CENTRAL PK AVE	UNKNOWN
NYP004020244	CONSOLIDATED EDISON CO	#143-63 21	UNKNOWN
NYP004020129	CONSOLIDATED EDISON CO	MAIN BODY - OAKWOOD S/S	UNKNOWN
NYP004020053	CONSOLIDATED EDISON CO	#4263 PROSPECT PL & CHASSOU AV	UNKNOWN
NYP004019899	CONSOLIDATED EDISON CO	V909 VARL & JACKSON	UNKNOWN
NYP004019824	CONSOLIDATED EDISON CO	#8667 525 EXECUTIVE BLVD	UNKNOWN
NYP004019766	CONSOLIDATED EDISON CO	V462 WILLIAM ST	UNKNOWN
NYP004019683	CONSOLIDATED EDISON CO	124-153 CAVE	UNKNOWN
NYP004019667	CONSOLIDATED EDISON CO	MH5057 OLD COUNTRY RD & SM RR	UNKNOWN
NYP004019485	CONSOLIDATED EDISON CO	V54099 E 32ND ST	UNKNOWN
NYP004019402	CONSOLIDATED EDISON CO	V512 MAMORONECK	UNKNOWN
NYP004019378	CONSOLIDATED EDISON CO	MH26582 WEBSTER AVE	UNKNOWN
NYP004019303	CONSOLIDATED EDISON CO	MH 1885 PEKING AVE & ASHLAND P	UNKNOWN
NYP004019275	CONSOLIDATED EDISON CO	MH51217	UNKNOWN
NYP004019212	CONSOLIDATED EDISON CO	JACKSON ST & GOV SLIP	UNKNOWN
NYP004019196	CONSOLIDATED EDISON CO	VZ405 JUNCTION BLVD	UNKNOWN
NYP004019147	CONSOLIDATED EDISON CO	#6802 1 STATE ST PLAZA	UNKNOWN
NYP004019121	CONSOLIDATED EDISON CO	#6440 427PEARL ST	UNKNOWN
NYP004019048	CONSOLIDATED EDISON CO	TRANS#1 HARRISON S/S	UNKNOWN
NYP004018982	CONSOLIDATED EDISON CO	MH9627 HARRISON STA	UNKNOWN
NYP004018859	CONSOLIDATED EDISON CO	S/S BROWNVILLE	UNKNOWN
NYP004018610	CONSOLIDATED EDISON CO	M11573	UNKNOWN
NYP004018602	CONSOLIDATED EDISON CO	M11571	UNKNOWN
NYP004018594	CONSOLIDATED EDISON CO	M11570 300‘ N/O PUROY AVE	UNKNOWN
NYP004018339	CONSOLIDATED EDISON CO	V2658 24 COASTLANAT ST	UNKNOWN
NYP004017877	CONSOLIDATED EDISON CO	#5482 1ST PURDS AVE	UNKNOWN
NYP004017489	CONSOLIDATED EDISONCO	TAP C - 71ST SUBSTATION	UNKNOWN
NYP004017323	CON ED #37203	FRONT OF 2373 QUEENS PKWY	UNKNOWN
NYP004016002	CON ED	V 4064 - 415 E 52 ST	UNKNOWN
NYP004015848	CON ED	116-02 KAVE	UNKNOWN
NYP004015723	CON ED	15194 - 2700 GRAND COURT	UNKNOWN
NYP004015517	CON ED	V 8366 - UNION TNPK	UNKNOWN
NYP004015210	CON ED	V 413 - E 234 ST & KETCHAM	UNKNOWN
NYP004014726	CON ED	BURNSHORE AVE	UNKNOWN
NYP004014312	CON ED	4027 - 23 E 28 ST	UNKNOWN
NYP004013892	CONSOLIDATED EDISON CO	25TH STREET AND 3RD AVENUE	UNKNOWN
NYP004013454	CON ED		UNKNOWN
NYP004013223	CON ED	GLENDALE S/S	UNKNOWN
NYP004013017	CON ED	53252 - 52 ST & 1 AVE	UNKNOWN
NYP004012993	CON ED	59566 - F/O 101 E 62	UNKNOWN
NYP004012886	CON ED	V 9599 - HARRISON S/S	UNKNOWN
NYP004012852	CON ED	V 4799 - 54 ST & 5 AVE	UNKNOWN
NYP004012803	CON ED	56227 - 40TH ST & 1ST AVE	UNKNOWN

NYP004012621	CON ED	VS 5496 – 5010 6 AVE	UNKNOWN
NYP004012538	CON ED	MH 4481 – 465 PARK PL	UNKNOWN
NYP004012514	CON ED	16 – SHERWOOD PARK	UNKNOWN
NYP004012498	CON ED	V 1064 – 137 ST	UNKNOWN
NYP004012472	CON ED	MH 46939 – F/O 117 & 25 ST	UNKNOWN
NYP004012357	CON ED	V 3965 – 41 NEW ST	UNKNOWN
NYP004012324	CON ED	V4653 – 41 NEW ST	UNKNOWN
NYP004011938	CON ED	47218 – 975 WASHINGTON AVE	UNKNOWN
NYP004011367	CON ED	TAP CHANGER – LAWRENCE PK #44	UNKNOWN
NYP004011037	CON ED	1B54 – BRIDGE – JOHNSON	UNKNOWN
NYP004010971	CON ED	V 0038 – 3020 WEBSTER AVE	UNKNOWN
NYP004010443	CON ED	V 5638 – 6 W 32ST	UNKNOWN
NYP004010278	CON ED	V 7173 – PARK AVE	UNKNOWN
NYP004010229	CONSOLIDATED EDISON COMH 46604	19TH STREET AND 5TH AVENUE	UNKNOWN
NYP004010013	CON ED	9532 – 27 E 31 ST	UNKNOWN
NYP004009841	CON ED	03590 – BEDFORD & CANES	UNKNOWN
NYP004009775	CON ED	MH 12060	UNKNOWN
NYP004009692	CON ED	MH 25828 – 135 ST	UNKNOWN
NYP004009684	CON ED	0272 – 2 CEDAR ST	UNKNOWN
NYP004009320	CON ED	TRANSP F/O 17 & 34ST	UNKNOWN
NYP004009080	CONSOLIDATED EDISON CO	MH 12270	UNKNOWN
NYP004009031	CON ED	MH 57249 – E/S CPW 82 S/S/C	UNKNOWN
NYP004009007	CON ED	MH 3289 – DUNNING DR	UNKNOWN
NYP004008991	CON ED	MH 13142 – RT 119	UNKNOWN
NYP004008918	CON ED	V 1138 – 61 MAIDEN	UNKNOWN
NYP004008850	CON ED	TM 1301	UNKNOWN
NYP004008785	CON ED	MH 2631	UNKNOWN
NYP004008710	CON ED	MH 1840 – LAFAYETTE	UNKNOWN
NYP004008637	CON ED	MH 4514 – WASH AVE	UNKNOWN
NYP004008603	CON ED	V 2113 – CLINTON 17051	UNKNOWN
NYP004008546	CON ED	MH 880 – FLUSHING & RIEASON	UNKNOWN
NYP004008512	CON ED	MH 17502 – LOCUST AVE	UNKNOWN
NYP004008454	CON ED	MH 404 – FLUSHING S/S	UNKNOWN
NYP004008405	CON ED	TRANS #1 GEAR BOX–HARRISON S/S	UNKNOWN
NYP004008389	CON ED	MH 56312 – 34 ST & PARC	UNKNOWN
NYP004008330	CON ED	MH 55860 – KENT AVE & 58TH ST	UNKNOWN
NYP004008280	CON ED	MHC – SHERMAN CREEK	UNKNOWN
NYP004008264	CON ED	MH D1 – SHERMAN CREEK	UNKNOWN
NYP004008248	CON ED		UNKNOWN
NYP004008231	CON ED	V 5234 – 3–SADGRELA	UNKNOWN
NYP004008215	CON ED	F MANHOLE – SHERMAN CREEK RD	UNKNOWN
NYP004008132	CON ED	MH 136 – PUDNEY ST	UNKNOWN
NYP004008082	CON ED	VS 1791 – MCCLELLAN G COVE	UNKNOWN
NYP004007928	CON ED	V 516A – SPLIT ROCK GHC	UNKNOWN
NYP004007910	CON ED	V 1296C – PASCAP	UNKNOWN
NYP004007738	CON ED	V 20 – REGENT ST	UNKNOWN
NYP004007621	CON ED	V 0674 – 745 5 AVE	UNKNOWN
NYP004007522	CON ED	V 7 – COMPOUND RD	UNKNOWN
NYP004007514	CON ED	4789 – BEACH ST	UNKNOWN
NYP004007480	CON ED	MH 60385 – FLUSHING AVE	UNKNOWN
NYP004007472	CONSOLIDATED EDISON CO V 433	MAIN AND MOGER	UNKNOWN
NYP004007456	CON ED	V 3408 – KRAFT	UNKNOWN
NYP004007308	CON ED	MH 3924 – PALMER FERN. TER	UNKNOWN
NYP004007290	CON ED	46251 –	UNKNOWN
NYP004007274	CON ED	MH 54776 – 12 AVE	UNKNOWN
NYP004007183	CON ED	MH 07850 – 40TH ST	UNKNOWN
NYP004007167	CON ED	MH 3122 – BEDFORD AVE	UNKNOWN
NYP004007126	CON ED	MH 18176 – 130 ST	UNKNOWN
NYP004007035	CON ED	7603 – HYLAND	UNKNOWN
NYP004006995	CON ED	V 7836 – OCEAN	UNKNOWN

NYP004006904	CON ED		1903 – ALLINGTON	UNKNOWN
NYP004006847	CON ED		V 5034 – MASTERS	UNKNOWN
NYP004006839	CON ED		4461 – 2 E 28 ST	UNKNOWN
NYP004006821	CON ED		#485 – HARRISON AVE	UNKNOWN
NYP004006805	CON ED		MH #750 – 125 ST	UNKNOWN
NYP004006789	CON ED		M BODY – HELENA S/S	UNKNOWN
NYP004006771	CON ED		5636 – KIRBY & MAIN ST	UNKNOWN
NYP004006763	CON ED		9736 – SO. MOYER & BRITTON	UNKNOWN
NYP004006656	CON ED		V #3283 – 55 DUPONT ST	UNKNOWN
NYP004006631	CON ED		56630 – 42ND ST & 6TH AVE	UNKNOWN
NYP004006540	CON ED		3033 – 2 W 42 ST	UNKNOWN
NYP004006516	CON ED		MH #3744	UNKNOWN
NYP004006318	CON ED		V #5014 – W.F. ADMIN BLDG	UNKNOWN
NYP004006268	CON ED		MH #62020 – 4TH AVE	UNKNOWN
NYP004006078	CON ED		V #6079 – UNIVERSITY PL	UNKNOWN
NYP004006029	CON ED		V 3588 – NORM AVE	UNKNOWN
NYP004006003	CON ED		#5289 – 275 KENSTO DR	UNKNOWN
NYP004005971	CON ED		M 8486 – CENTRAL PARK AVE	UNKNOWN
NYP004005914	CON ED		V 5196 – 450 MAMK	UNKNOWN
NYP004005872	CON ED		3080 – 101 E 59 ST	UNKNOWN
NYP004005856	CON ED		5525 – 356 E 72 ST	UNKNOWN
NYP004005815	CON ED		0053 – 124 E 59 ST	UNKNOWN
NYP004005690	CON ED		MH#17826 – MT. OLIVER	UNKNOWN
NYP004005567	CON ED		MH 33490 – 325 1ST AVE	UNKNOWN
NYP004005377	CON ED		2373 – 1965 LAFAYETTE	UNKNOWN
NYP004005344	CON ED		V#4196 – 9E 59ST	UNKNOWN
NYP004005336	CON ED		V 4355 – 366 HUDSON ST	UNKNOWN
NYP004005278	CON ED		MH#2903 – WASHINGTON AVE	UNKNOWN
NYP004005203	CON ED		V0955 – MADISON AVE	UNKNOWN
NYP004005112	CON ED		VAULT 8500 – 9 PARK PLACE	UNKNOWN
NYP004005096	CON ED		MH 34717 – 40 ST	UNKNOWN
NYP004004982	CON ED		#4844 – GRAND	UNKNOWN
NYP004004966	CON ED		TM #705 – PITKIN AVE	UNKNOWN
NYP004004925	CON ED		VAULT #0442 – 1548	UNKNOWN
NYP004004900	CON ED		MH #36678 – OCEAN AVE	UNKNOWN
NYP004004875	CON ED		PALMER AVE & SPENCER DR	UNKNOWN
NYP004004834	CONSOLIDATED EDISON CO		GREY OAKS S/S 13	UNKNOWN
NYP004004750	CON ED		V 5639 – 41 MAIDEN LA	UNKNOWN
NYP004004701	CON ED		VAULT 5168 – RT 117 READ	UNKNOWN
NYP004004677	CON ED			UNKNOWN
NYP004004610	CON ED		#7564 – UNION ST	UNKNOWN
NYP004004586	CON ED		#52 – BONNIE BRIAR	UNKNOWN
NYP004004578	CON ED		V2586 – 10 AVE	UNKNOWN
NYP004004479	CON ED		V#4841 – STUYVEWT GATES	UNKNOWN
NYP004004461	CON ED			UNKNOWN
NYP004004081	CON ED		MH#34631 34SP	UNKNOWN
NYP004004065	CONSOLIDATED EDISON CO	4294	50TH STREET AND 10TH AVENUE	UNKNOWN
NYP004003993	CON ED		22ND ST	UNKNOWN
NYP004003778	CON ED		#815 – UNION AVE	UNKNOWN
NYP004003760	CON ED		#1405 – E 167ST	UNKNOWN
NYP004003729	CONSOLIDATED EDISON CO		603 EAST 82ND STREET	UNKNOWN
NYP004003604	CONSOLIDATED EDISON CO		LAWRENCE PARK 44	UNKNOWN
NYP004003539	CONSOLIDATED EDISON CO		10TH AVENUE MH4136	UNKNOWN
NYP004003422	CONSOLIDATED EDISON CO		40TH STREET MH4291	UNKNOWN
NYP004003380	CONSOLIDATED EDISON CO		18TH ST – 11TH AVE MH3761	UNKNOWN
NYP004003315	CONSOLIDATED EDISON CO		NAVY – JOHNSON TM1947	UNKNOWN
NYP004003307	CONSOLIDATED EDISON CO		WESTS AVE AND ST PAUL VS2042	UNKNOWN
NYP004003216	CONSOLIDATED EDISON CO		WEST 29TH STREET V4835	UNKNOWN
NYP004003174	CONSOLIDATED EDISON CO		251 E 43RD ST VAULT 5291	UNKNOWN
NYP004003166	CONSOLIDATED EDISON CO		228 EAST 44TH VAULT 5334	UNKNOWN

NYP004003133	CONSOLIDATED EDISON CO	34 EAST 59TH STREET 1286		UNKNOWN
NYP004003067	CONSOLIDATED EDISON CO	701 WEST 181ST STREET 2211		UNKNOWN
NYP004003018	CONSOLIDATED EDISON CO	249 WEST 43RD V6217		UNKNOWN
NYP004003000	CONSOLIDATED EDISON CO	530 WEST 23RD STREET V5917		UNKNOWN
NYP004002986	CONSOLIDATED EDISON CO	GRAND MH2968		UNKNOWN
NYP004002945	CON ED	TM0630 – MELROSE		UNKNOWN
NYP004002937	CON ED	V0466 – WEBSTER AVE		UNKNOWN
NYP004002895	CONSOLIDATED EDISON CO	29TH STREET V3685		UNKNOWN
NYP004002879	CONSOLIDATED EDISON CO	VERNON ROAD VS8155		UNKNOWN
NYP004002846	CONSOLIDATED EDISON CO	SCHOOL AND MAPLE 314		UNKNOWN
NYP004002796	CONSOLIDATED EDISON CO	VARK STREET V1472		UNKNOWN
NYP004002754	CONSOLIDATED EDISON CO	245TH AND 5TH AVENUE V2701		UNKNOWN
NYP004002739	CONSOLIDATED EDISON CO	SUTTER TM750		UNKNOWN
NYP004002648	CONSOLIDATED EDISON CO	46 R/D 2759		UNKNOWN
NYP004002630	CONSOLIDATED EDISON CO	59TH STREET 3165		UNKNOWN
NYP004002523	CONSOLIDATED EDISON CO	540 EAST 169TH STREET V1324		UNKNOWN
NYP004002515	CONSOLIDATED EDISON CO VAULT 1547	3RD AVE AND E 166TH ST		UNKNOWN
NYP004002432	CONSOLIDATED EDISON CO V1950	138TH STREET AND 7TH STREET		UNKNOWN
NYP004002333	CONSOLIDATED EDISON CO	138TH E AND 7TH ST V1950		UNKNOWN
NYP004001848	CONSOLIDATED EDISON CO	BENEDICT F/O 410 MH3279		UNKNOWN
NYP004001823	CONSOLIDATED EDISON CO	BENEDICT AND WOODFIELD MH3283		UNKNOWN
NYP004001798	CONSOLIDATED EDISON CO	BOWY V5925		UNKNOWN
NYP004001681	CONSOLIDATED EDISON CO	GRAMATON AVENUE V897		UNKNOWN
NYP004001640	CONSOLIDATED EDISON CO	161ST ST AND 3RD AVE 1550		UNKNOWN
NYP004001475	CONSOLIDATED EDISON CO	55 DL(?) V0707		UNKNOWN
NYP004001376	CONSOLIDATED EDISON CO	65–75 TRAFF ST VAULT 1045		UNKNOWN
NYP004001350	CONSOLIDATED EDISON CO VAULT 2039	3201 GRAND COLMAN AVE (???)		UNKNOWN
NYP001012100	CON ED	WHITE PLAINS SUBSTATION		UNKNOWN
NYP000931006	CONSOLIDATED EDISON CO	33RD AND 105TH		11368
NYP000930719	CON ED	V #530 – RUPERT PL		UNKNOWN
NYP000929596	CON ED	V #0702 – W BAY & SPRING ST		UNKNOWN
NYP000928853	CON ED	V 2785 – 1ST AVE		UNKNOWN
NYP000762218	CON ED	MH#1942		UNKNOWN
NYP000007120	CONSOLIDATED EDISON CO	BUS SEC 4WFARRAJAT S/S		UNKNOWN
NYO004022968	MH6925	CONCORD BRIDGE		UNKNOWN
NY0000010363	NEW YORK CITY DEPT OF TRANSPORTATION			UNKNOWN
NYP004020897	CONSOLIDATED EDISON CO	MH26586 WEBSTER AV 26‘S–WEBSTR	BRONX	UNKNOWN
NYP004050324	CONSOLIDATED EDISON	V795–38TH & 24TH ST	BROOKLYN	UNKNOWN
NYP004044160	CONSOLIDATED EDISON	MH11841–38TH & 32ND	BROOKLYN	UNKNOWN
NYP004038717	CONSOLIDATED EDISON	VS2299–47TH & 43RD	BROOKLYN	UNKNOWN
NYP004009502	CONSOLIDATED EDISON	MH55661 – FLEETNACK & JOHNSON	BROOKLYN	UNKNOWN
NYD987038668	LONG ISLAND CITY FIRE DEPT	2900 SNYDER AVE	BROOKLYN	UNKNOWN
NYP010000792	NEW YORK CITY DEPT OF ENVIRONMENTAL	PROTECTION 38TH ST & 9TH AVE	CORONA	UNKNOWN
NYP010001436	NYC DEP	172 TILLARY ST	ELMHURST	UNKNOWN
NYP010001246	NEW YORK CITY D.E.P	37TH/14TH STREET	ELMHURST	UNKNOWN
NYP010000974	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	ORCHARD BENCH PARK	ELMHURST	11373
NYP000000750	NEW YORK CITY DEPT OF ENVIRONMENTAL	PROT.BET 122ND ST &122 ND AVE	ELMHURST	UNKNOWN
NYR000263525	NYC DOT	LIRR 49TH AVE STATION	LONG ISLAND CITY	UNKNOWN
NYP004020434	CONSOLIDATED EDISON CO	#5665 NUBEX AVE & SANFORD BLVD	LONG ISLAND CITY	UNKNOWN
NYP004020426	CONSOLIDATED EDISON CO	V883 E SIDNEY & PARK AVE	LONG ISLAND CITY	UNKNOWN
NYP004017901	CONSOLIDATED EDISON	TM826–ST JOHN & THIMSON	LONG ISLAND CITY	UNKNOWN
NYP004049243	CON ED	7876 – 59–21 L I E	N/S	UNKNOWN
NYP004048674	CON ED	1097 – 97TH ST	N/S	UNKNOWN
NYP004034039	CON ED	MH11162–SANFORD & HIGHLAND	N/S	UNKNOWN
NYP004034021	CON ED	V8419–BORDEN AVE	N/S	UNKNOWN
NYP004033908	CON ED	V2284–UNION TPKE	N/S	UNKNOWN
NYP004031613	CON ED	V2296–134TH ST & 44TH ST	N/S	UNKNOWN
NYP004028981	CON ED	NORTH HILLS–71–01 DOUGLASTON	N/S	UNKNOWN
NYP004027447	CON ED	MH11578–MYRTLE & MIDLAND	N/S	UNKNOWN
NYP004016176	CON ED	WILLIAMS LIBERTY B	NASSAU	UNKNOWN

NYP004053898	CONSOLIDATED EDISON	V7522-49TH & 57TH	NEW YORK	UNKNOWN
NYP004052874	CONSOLIDATED EDISON	V6159-41ST AVE	NEW YORK	10001
NYP004051249	CONSOLIDATED EDISON	MH10332-281 COOK AVE	NEW YORK	11379
NYP004050969	CONSOLIDATED EDISON	MH1972-MYRTLE AVE	NEW YORK	10001
NYP004047734	CONSOLIDATED EDISON	TM131-WILLOUGHBY ST	NEW YORK	10001
NYP004047650	CONSOLIDATED EDISON	32ND ST	NEW YORK	UNKNOWN
NYP004035275	CONSOLIDATED EDISON COMPANY OF NEW YORK	FDR3084-184-14 UNION TPK	NEW YORK	UNKNOWN
NYP004022372	CONSOLIDATED EDISON	V743444 & 21ST	NEW YORK	UNKNOWN
NYP004022257	CONSOLIDATED EDISON	MH6347119 ST & PLEASENT	NEW YORK	UNKNOWN
NYP004021945	CONSOLIDATED EDISON	#4694545 WILLY	NEW YORK	UNKNOWN
NYP004014551	CONSOLIDATED EDISON	V508 -C/O VERDALE & 57TH R	NEW YORK	UNKNOWN
NYP004011862	CONSOLIDATED EDISON	GRAND ST	NEW YORK	UNKNOWN
NYP004006169	CONSOLIDATED EDISON	V5211 - 79 BEAVER ST	NEW YORK	UNKNOWN
NYP004019329	CONSOLIDATED EDISON CO	#4578 E29	NEWKIRK	UNKNOWN
NYR000014092	LONG ISLAND RAILROAD	JAMAICA AVE OVERJUMP	QUEENS	UNKNOWN
NYP010001105	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	W16 ST & 10 AVE	QUEENS	UNKNOWN
NYP010000875	NEW YORK CITY DEPT OF ENVIRONMENTAL PROT	37TH STREET BETWEEN 4TH	QUEENS	UNKNOWN
NYP004057600	CONSOLIDATED EDISON	CORONA #1 & #2 S/S	QUEENS	11368
NYP004057105	CONSOLIDATED EDISON	VS8953-64TH & QUEENS BLVD	QUEENS	UNKNOWN
NYP004051454	CONSOLIDATED EDISON	V9200-91ST	QUEENS	UNKNOWN
NYP004050977	CONSOLIDATED EDISON	MH44471-26RD & 7TH AVE	QUEENS	UNKNOWN
NYP004045944	CONSOLIDATED EDISON	MH10261-OCEAN AVE & 58TH AVE	QUEENS	UNKNOWN
NYP004045373	CONSOLIDATED EDISON	V7638-JUNCTION BLVD	QUEENS	UNKNOWN
NYP004043386	CONSOLIDATED EDISON	MH14147-JUNCTION BLVD	QUEENS	UNKNOWN
NYP004043345	CONSOLIDATED EDISON	V212-JUNCTION BLVD	QUEENS	UNKNOWN
NYP004043329	CONSOLIDATED EDISON	V53804-162ND ST	QUEENS	UNKNOWN
NYP004041216	CONSOLIDATED EDISON	V0321-B & 335	QUEENS	UNKNOWN
NYP004037586	CONSOLIDATED EDISON	MH16465-SOURT RD & 153RD ST	QUEENS	UNKNOWN
NYP004037222	CONSOLIDATED EDISON	V499-164TH ST	QUEENS	UNKNOWN
NYP004032934	CONSOLIDATED EDISON	CHAUNCY 38-OLD SAWMILL RIVER	QUEENS	UNKNOWN
NYP004032033	CONSOLIDATED EDISON COMPANY OF NEW YORK	FDR7Q64-BEECHHURST UNIT S.S.	QUEENS	UNKNOWN
NYP004031530	CONSOLIDATED EDISON	V8891-SUPTAIN JAMAICA	QUEENS	UNKNOWN
NYP004031134	CONSOLIDATED EDISON	VS1880-QUEENS BLVD	QUEENS	UNKNOWN
NYP004023016	CONSOLIDATED EDISON	MH184490-	QUEENS	UNKNOWN
NYP004022877	CONSOLIDATED EDISON	V8745E SER ROAD & VAN WYCK	QUEENS	UNKNOWN
NYP004020293	CONSOLIDATED EDISON	MH22467-QUEENS BLVD & 76TH	QUEENS	UNKNOWN
NYP004014775	CONSOLIDATED EDISON	V3164 - WESTCHESTER & THERS	QUEENS	UNKNOWN
NYP004014692	CONSOLIDATED EDISON	MH00691 - E/S GORD & YORK	QUEENS	UNKNOWN
NYP004014544	CONSOLIDATED EDISON	MH15521 - 27TH AVE	QUEENS	UNKNOWN
NYP004014528	CONSOLIDATED EDISON	V8883 - 7TH AVE & 143RD ST	QUEENS	UNKNOWN
NYP004014304	CONSOLIDATED EDISON	MH7198-24 E 28TH ST	QUEENS	UNKNOWN
NYP004009452	CONSOLIDATED EDISON	MH2079	QUEENS	UNKNOWN
NYP004006524	CONSOLIDATED EDISON	MH4864	QUEENS	UNKNOWN
NYP004006490	CONSOLIDATED EDISON	MH3743	QUEENS	UNKNOWN
NYP004000824	CONSOLIDATED EDISON CO	MH53857-FDR DRIVE	QUEENS	UNKNOWN
NYP004000667	CONSOLIDATED EDISON CO	BUSHVIEW AVENUE	QUEENS	UNKNOWN
NYP004000634	CONSOLIDATED EDISON	V7176-WEST HILL APARTMENTS	QUEENS	UNKNOWN
NYP004000600	CONSOLIDATED EDISON	V2266-E170TH & 149TH ST	QUEENS	UNKNOWN
NYP004000121	CONSOLIDATED EDISON	V10829-2255 MENAUTO BLVD	QUEENS	UNKNOWN
NYP000931188	CONSOLIDATED EDISON CO	TM6449-97TH PLACE	QUEENS	UNKNOWN
NYP000930891	CONSOLIDATED EDISON	MH4800-LEFFCAL ST &BELFORD	QUEENS	UNKNOWN
NYP000930529	CONSOLIDATED EDISON CO	V1099-1685 FRANHOLM AVE	QUEENS	UNKNOWN
NYP000930511	CONSOLIDATED EDISON	V1926-69TH AND WASHINGTON AVE	QUEENS	UNKNOWN
NYP000930321	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP000930255	CONSOLIDATED EDISON	MAIN BODY - LEPRERTS MB	QUEENS	UNKNOWN
NYP000928739	CONSOLIDATED EDISON	V4705-S 3RD ST & S COLUMBUS	QUEENS	UNKNOWN
NYP000927202	NYNEX	STANFORD AVENUE AND 15TH ST	QUEENS	UNKNOWN
NYP000430487	CONSOLIDATED EDISON	V5651-45 E 13TH ST	QUEENS	UNKNOWN
NYP004002709	CONSOLIDATED EDISON		T/A450	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
NY0234711	H L & F MCBRIDE FACILITY				UNKNOWN
NY0200824	J B WASTE OIL CO, INC				UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
3608100801	DMX INDUSTRIES INC		45 EAST 89TH STREET	CORONA	11368
3608180203	DMX INDUSTRIES INC		45 EAST 89TH STREET	CORONA-A	11368
3608100851	PARAGON CLEANERS		75-57 ULEKA_PLACE	FLUSHING	11374
3608100057	USCG-LIGHT NO. 6		FLUSHING AVENUE	FLUSHING	UNKNOWN
3608102022	ALERT METAL FINISHING		991 PECONIA AVENUE	GLENDALE	UNKNOWN
3608100612	ALERT METAL FINISH		991 PECONIC AVE	GLENDALE	UNKNOWN
3688800011	USCG-LIGHT STATION		AMBROSE	NEW YORK	UNKNOWN
36081P0035	ELLE FRENCH CLEANERS		74-32 JACKSON AVE.	NEW YORK CITY	11373
NY081X72J	A & K REALTY	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X4KU	COSMOPOLITAN ASSOC	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X1L5	CRYDER ASSOCIATES LTD	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
3608100693	ASTORIA AL & BR		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100692	PARIS KNITTING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100140	NAVY RESRVE TRAINING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100139	NY JOB CORPS CENTER		NO STREET ADDRESS	QUEENS	UNKNOWN
3608590031	POWER AUTH OF NYS		AUTHUR KILL	STATEN ISLAND	UNKNOWN
3608560051	POWER AUTH OF NYS		AUTHUR KILL	STATEN ISLAND	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

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

B003 Petroleum oil or other liquid containing 500 ppm or greater of PCBs.

B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.

D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.

D004 Arsenic

D007 Chromium

D008 Lead

D009 Mercury

D020 Chlordane

D022 Chloroform

F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F003 The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

F005 The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene,

2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

P010 Arsenic acid H3AsO4

P030 Cyanides (soluble cyanide salts), not otherwise specified

P087 Osmium oxide OsO4, (T-4)-

P098 Potassium cyanide

P105 Sodium azide

P106 Sodium cyanide

U003 Acetonitrile (I,T)

U008 Acrylic acid (I)

U036 Chlordane, alpha & gamma isomers

U044 Chloroform

U078 1,1-Dichloroethylene

U080 Methane, dichloro-

U117 Ethane, 1,1-oxybis-(I)

U122 Formaldehyde

U134 Hydrofluoric acid (C,T)

U144 Acetic acid, lead(2+) salt

U151 Mercury

U159 2-Butanone (I,T)

U161 Methyl isobutyl ketone (I)

U162 Methyl methacrylate (I,T)

U188 Phenol

U211 Carbon tetrachloride

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a computerized version of the U. S. Census map using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each *Toxic Site Profile,* along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12 Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a computerized version of the U. S. Census map. These site locations are identified "address-matched."

Note: Some sites have an address match location <u>and</u> a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/operators or governnent agencies. These site locations are identified "map coordinate." <u>Map coordinates for Toxics Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect</u> .

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Computerized Environmental Reports contain government and other information compiled on 17 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2]
Profile data updated through: 5/24/2000. Data obtained by Toxics Targeting: 10/5/2000.
New Facilities updated to: 6/30/2001. Data obtained by Toxics Targeting: 9/17/2001.

2) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. NPL sites are also included in CERCLIS. ASTM required.* Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
Profile data updated through: 09/16/2002. Data obtained by Toxics Targeting: 09/26/2002.
New Facilities updated through: 09/16/2002. Data obtained by Toxics Targeting: 09/26/2002.

3) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. ASTM required.* Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
Profile data updated from: 05/01/2002. Data obtained by Toxics Targeting: 09/25/2002.
New Facilities updated through: 09/16/2002. Data obtained by Toxics Targeting: 09/26/2002.

4) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but cannot be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

5) **Solid Waste Facilities:** NYS database of solid waste facilities, including, but not limited to, landfills, incinerators, transfer stations, recycling centers. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 1/01/1998. Data obtained by Toxics Targeting: 6/30/1998.

Also includes a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.
Source: City of New York Department of Sanitation (1984). Waste Disposal Problem in New York City: A Proposal For Action.

6) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant The to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2] Data update schedule: rolling basis.
New facilities updated through: 1/1/2002. New facilities data obtained by Toxics Targeting: 1/11/2002.
Tank data updated through: 1/1/2002. Tank data obtained by Toxics Targeting: 1/11/2002.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2]
New facilities updated through: 9/28/2000. New facilities obtained by Toxics Targeting: 10/5/2000.
Manifest transactions data updated to: 9/28/2000. Manifest transactions data obtained by Toxics Targeting: 10/5/2000.

(b) **Notifier Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.**
Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.
Data attributes updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.

(c) **RCRA Violations Information:**
U. S. Environmental Protection Agency database of violations data reported for facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.
Data attributes updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.

(d) **RCRIS Corrective Action Activity (CORRACTS) Information:** U. S. Environmental Protection Agency (EPA) database of hazardous waste facilities with corrective action activity. This data is part of the RCRIS National Oversight database.
Source: U. S. Environmental Protection Agency[1]
Data updated through: 3/11/2002. Data obtained by Toxics Targeting: 3/29/2002.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). The database includes *active* and *closed* spills reported between 4/1/1986 and 1/1/2002.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]
New spill additions data updated through: 01/01/2002. New spill additions data obtained by Toxics Targeting: 01/11/2002.
Spill attribute data updated through: 01/01/2002. Spill attribute data obtained by Toxics Targeting: 01/11/2002.

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Petroleum Bulk Storage Facilities:** Local and State databases of aboveground and underground petroleum storage facilities with a combined storage capacity over 1,100 gallons. ASTM required.* Fannie Mae required.**

All New York Counties except Cortland, Nassau, Rockland, and Suffolk:
Source: NYS Department of Environmental Conservation.[2]
Update schedule: rolling basis, with summary compilations made available approximately every three months
Facility data updated through: 1/1/2002 (10/1/98 for Westchester Co.). Facility data obtained by Toxics Targeting: 1/11/2002.
Tank data updated through: 1/1/2002 (10/1/98 for Westchester Co.). Tank data obtained by Toxics Targeting: 1/11/2002.

Nassau County:
Heat producing products and other products with less than 1,000 gallons storage capacity:
Source: Nassau County Department of Health.[3] Data update schedule: rolling basis
Data updated through: 10/4/2000. Data obtained by Toxics Targeting: 11/5/2000.

Generally non-heat producing products with more than 1,000 gallons storage capacity:
Source: Nassau County Fire Marshall. [4] Data update schedule: rolling basis with annual update
Data updated through: 9/27/1996. Data obtained by Toxics Targeting: 11/20/1996.

Rockland County:
Source: Rockland County Department of Health. [5]
Data updated through: 8/11/1998. Data obtained by Toxics Targeting: 8/17/1998.

Suffolk County:
Source: Suffolk County Department of Health Services. [6]
Data updated through: 1/12/1999. Data obtained by Toxics Targeting: 2/26/1999.

10. **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the New York State Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2]
New facilities updated through: 9/28/2000. New facilities obtained by Toxics Targeting: 10/5/2000.
Manifest transactions data updated to: 9/28/2000. Manifest transactions data obtained by Toxics Targeting: 10/5/2000.

(b) **RCRA Notifier Information:** U. S. Environmental Protection Agency database of hazardous waste facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 3/26/1998. Data obtained by Toxics Targeting: 4/9/1998.
Data attributes updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.

(c) **RCRA Violations Information:** U. S. Environmental Protection Agency database of violations data reported for facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 3/26/1998. Data obtained by Toxics Targeting: 4/9/1998.
Data attributes updated through: 2/20/2001. Data obtained by Toxics Targeting: 2/20/2001.

(d) **RCRIS Corrective Action Activity (CORRACTS) Information:** U. S. Environmental Protection Agency (EPA) database of hazardous waste facilities with corrective action activity. This data is part of the RCRIS National Oversight database.
Source: U. S. Environmental Protection Agency[1]
Data updated through: 3/11/2002. Data obtained by Toxics Targeting: 3/29/2002.

11) **Chemical Bulk Storage Facilities**: New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. ASTM required.* Fannie Mae required.**
Source: New York State Department of Environmental Conservation.[2]
Data updated through: 1/1/2002. Data obtained by Toxics Targeting: 1/11/2002.

12) **Toxic Release Inventory**: New York State and Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: NYS Department of Environmental Conservation[2]/U. S. Environmental Protection Agency.[1]
Data update schedule: rolling basis, with annual information summary for previous year's activities available from NYSDEC each July 1, with corrections and additional information available approximately mid-August.
Data updated through: 5/9/1996. Data obtained by Toxics Targeting: 5/14/1996

13) **Historic New York City Utility Facilities (1898 to 1950)**: An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/06/2000

15) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 9/23/1996. Data obtained by Toxics Targeting: 9/30/1996

16) **U. S. Environmental Protection Agency Civil Enforcement Docket**: This database is the U. S. EPA's system for tracking civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
Date updated through: 4/1996. Date information obtained by Toxics Targeting: 8/1996

17) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

*American Society of Testing Materials Standards on Environmental Site Assessments for Commercial Real Estate (E 1527-93, E 1528-93).
** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 50 Wolf Road, Albany, NY 12233.

[3]Nassau County Department of Health, Bureau of Land Resources Management, 240 Old Country Road, Mineola, NY 11501.

[4]Nassau County Fire Commission, Office of the Fire Marshall, 899 Jerusalem Avenue, P. O. Box 128, Uniondale, NY 11553.

[5]Rockland County Department of Health, The Dr. Robert Yeager Health Center, Building D, Sanitorium Road, Pomona, NY 10970.

[6]Suffolk County Department of Health Services, Hazardous Materials Management, 15 Horseblock Place, Farmingville, NY 11738-1220.

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

Tax Blocks 2076 and 2077
Rego Park, New York

March 5, 2004

Prepared for:

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1.0 INTRODUCTION

On behalf of Vornado Realty Trust (Vornado), Roux Associates, Inc. (Roux Associates) has completed the Phase II Environmental Site Assessment (ESA) for the property at Tax Blocks 2076 and 2077 in Rego Park, New York (Site). The location of the Site is shown on Figure 1. The Phase II ESA was performed to evaluate concerns and findings presented in the 1994 "Evaluation of Existing Parking Lot Fill" report, both of the 2003 "Phase I Environmental Site Assessments," for the parking lot parcels and the 2003 "Foundation Budget Cost estimate.

The Phase II ESA was designed to develop site-specific data to evaluate soil quality across the Site and to evaluate any potential impacts to groundwater as a result of previous Site activities (e.g., potential service station operation). The Phase II ESA objectives were as follows:

- Determine whether USTs are still installed adjacent to the former service station;
- Evaluate the extent and severity of hydrocarbon impacts in soil and groundwater to determine whether a spill report is appropriate for this site;
- Determine whether the source of the hydrocarbon release was onsite or offsite;
- Evaluate lead and total petroleum hydrocarbon (TPH) concentrations in surficial fill at the Site; and
- Determine whether soil concentrations warrant the involvement of the New York State Department of Environmental Conservation (NYSDEC) and whether excavated soils will need to be managed during construction.

To accomplish these objectives, the following tasks were performed:

- A geophysical investigation using ground penetrating radar was conducted;
- Soil borings were installed and sampled; and
- Groundwater samples were collected from boreholes and existing wells.

The remainder of the report is organized into the following sections:

- Section 2.0: Background Information;
- Section 3.0: Phase II ESA Scope of Work;
- Section 4.0: Results of the Phase II ESA; and
- Section 5.0: Conclusions and Recommendations.

2.0 BACKGROUND INFORMATION

A description of the background information is provided below, which includes the Site setting, history, current use, and previous environmental investigation activities.

2.1 Site Description

The Site is located in the Rego Park section of Queens, New York (Figure 1). The Site is bordered to the north by Horace Harding Expressway, to the south and west by commercial properties and to the east by Junction Boulevard. The property is currently utilized as an informal commercial car parking lot (tax block 2077, a portion of Lot 98), and a commercial truck parking lot (tax block 2076, Lot 50 and Tax Block 2077, a portion of Lot 98).

2.2 Previous Environmental Investigations

A Site investigation was conducted in 1994 and included the installation and sampling of five soil borings on the property on the west side of Junction Boulevard as well as 66 borings on the former Alexander's property to the southeast. TPH in excess of 1,000 parts per million (ppm) was found in all five borings on the Block 2076/2077 property. Total Characteristic Leachate Procedure (TCLP) analyses were conducted for lead and it was detected at concentrations above 5 ppm (waste material with TCLP lead concentration greater than 5 ppm is considered hazardous) in soil from 4 feet to 8 feet in one boring on the car parking lot west of Junction Boulevard. On the former Alexander's property immediately to the southeast, 148 soil samples were analyzed for TCLP lead from 66 borings and 24 samples or 16 percent were found to exceed 5 ppm. Over 40 percent of these samples exceeded 1,000 ppm of TPH. These results indicate widespread but random TPH and lead contamination in surficial fill material that was identified across the upper 12 feet of the Blocks 2076 and 2077 as well as property to the south.

A Phase I ESA completed in May 2003 identified a former service station operation on the truck parking lot as a potential area of concern. The report did not provide definitive information concerning whether USTs were still present at the Site. The Phase I identified truck maintenance activities as an additional source of potential contamination on this portion of the property.

A September 2003 report summarizing geotechnical borings at the truck parking area described strong hydrocarbon odors just above the water table in a number of borings, particularly those

boreholes located near the former service station. Although no soil or groundwater samples were analyzed, the boring logs were consistent with a significant hydrocarbon release that has migrated in groundwater downgradient

3.0 PHASE II ESA SCOPE OF WORK

The following section presents the Phase II ESA scope of work conducted at the Site. The scope of work includes tasks presented in the October 22, 2003 Proposal for Phase II Site Assessment (Roux Associates 2003). The field scope of work included:

- Task 1: Geophysical Investigation For USTs;
- Task 2: Installation and Sampling of Soil Borings; and
- Task 3: Collection and Analysis of Groundwater Samples.

A description of each field task conducted is presented below.

3.1 Task 1: Geophysical Investigation For USTs

A ground penetrating radar (GPR) survey was performed at the Site to determine whether USTs are still present in the area of the former service station and to determine the locations of underground utilities. The GPR survey was performed by NAEVA, Inc. (Naeva) on December 16, 2003. Naeva identified two possible USTs approximately 40 feet east of the former service station building as shown in Figure 2. The USTs are located beneath a concrete pad. Suspected fill ports and vent lines were identified on and adjacent to the pad which tend to confirm the existence of USTs.

An anomaly located to the west of the suspected USTs was also found during the geophysical survey. Naeva's interpretation of this data was that a large buried chunk of concrete appeared to be responsible for this feature.

3.2 Task 2: Soil Boring and Sampling

A total of 8 soil borings (RA-1 through RA-8) were sampled from land surface to the water table (see Figure 3). The depth to the water table ranges from 8 feet to 13 feet below land surface (ft bls) at the Site as observed from soil cores. The borings were advanced using the Geoprobe™ method. Soil samples were collected in four-foot increments using a drive-point macro-core sampling device, containing a disposable acetate liner. The macro-core sampler was driven to the desired depth and then retracted and the disposable liner removed. The liner was then cut open and the soils removed. Each sample was inspected for impacts (e.g., odors, staining, and separate-phase product). A portion of each sample was placed in a Ziploc™ bag and screened in

the field for volatile organic compounds (VOCs) using a photoionization detector (PID). The lithology of each sample was described, and recorded in the field notebook.

To evaluate lead concentrations in soil at the Site, soil samples were collected at all eight soil boring locations in four-foot intervals from land surface to 12 ft bls for total lead analysis. An extra soil sample was collected from each four-foot interval in the event that total lead concentrations would exceed 1,000 ppm. TCLP was analyzed on the extra soil sample to evaluate the regulatory status (i.e., hazardous or non-hazardous). A summary of lead detected in soil is included in Table 1. Laboratory data sheets for all soil and groundwater samples are presented in Appendix A.

To evaluate potential impacts to soil from the former service station, soil samples were collected for laboratory analysis for VOCs and TPH from the two-foot interval that exhibited the highest degree of impact. However, if no discernable impacts were present, the sample at the 2-ft interval immediately above the water table was submitted for laboratory analysis. A summary of VOCs detected in soil is included in Table 2. A summary of TPH detected in soil is included in Table 3.

The soil samples were analyzed for VOCs using the United States Environmental Protection Agency (USEPA) Method 8260, TPH using the USEPA Method 481.1, and lead using the USEPA Method 6010B. The analyses were performed by Severn Trent Services of Newburgh, New York.

After the completion of each soil boring, the borings were backfilled with the soil cuttings and capped with asphalt patch.

3.3 Task 4: Groundwater Sampling

To evaluate any potential impacts to groundwater originating from the former service station or onsite fill materials, groundwater samples were collected for laboratory analysis for total and dissolved lead and VOCs from the three monitoring wells (B-5, B-9 and B-13) on the Site, and two of the soil boring locations, RA-1 and RA-7. (analyzed for VOCs only). Groundwater samples collected from soil borings were collected using a mill-slot sampling device.

Prior to sampling, each well was purged using a low-flow pump. Three to five times the volume of standing water in each monitoring well or mill-slot sampler was purged prior to sample collection. Field parameters (i.e., conductivity, pH, and temperature) were measured at each location. Each groundwater sample was collected using new bottom-filling bailers and new non-absorbent rope. Bailers and rope were discarded after sampling each monitoring well.

Groundwater samples were poured into appropriate laboratory-supplied containers and covered with Teflon™ septa and caps. The samples for VOCs were decanted with minimum agitation and the vials were filled to exclude headspace. The groundwater samples were analyzed for VOCs USEPA Method 8260.

To evaluate lead in groundwater two separate acidified bottles were collected. One bottle was filled with unfiltered water and the second bottle was filled with water filtered using a 0.45 micron filter. This approach was used to differentiate between naturally occurring lead that is leached out of silt and clay in the unfiltered sample and dissolved lead that is measured in the filtered samples.

Analytical results of the groundwater samples are provided in Tables 4 (VOCs) and 5 (lead).

4.0 RESULTS OF THE PHASE II ESA

The purpose of this section is to provide the results of the Phase II ESA, including a discussion of the media characterization (e.g., soil and groundwater) and a comparison of the impacts identified during the Phase II ESA relative to the appropriate regulatory standards, criteria, and guidelines.

4.1 Soil Quality

A total of eight soil borings were sampled at the Site to evaluate lead, VOC, and TPH concentrations. At each boring location, two soil samples were collected from each four-foot interval; one for total lead analysis and the other for TCLP analysis. To evaluate potential impacts to soil from the former service station, soil samples were collected for laboratory analysis for VOCs and TPH from the two-foot interval that exhibited the highest degree of impact.

4.1.1 Lead in Soil

A total of 24 soil samples from eight soil borings were collected and analyzed for total lead. Four of the soil samples exceeded the NYSDEC Recommended Soil Cleanup Objectives (RSCOs) of 500 milligrams per kilograms (mg/kg) for lead. The four exceedances were detected in two soil borings, RA-7and RA-8.

TCLP analyses were conducted on samples that exceeded 700 mg/kg for total lead. This included two of the four samples that exceeded the RSCO for lead. A TCLP lead result from one soil sample (RA-8) exceeded the 5,000 micrograms per liter (µg/L), the threshold above which wastes are considered hazardous. The TCLP lead result for RA-8 was 17,400 µg/L from the 0 to 4 ft bls interval (total lead was 1,170 mg/kg).

The distribution of lead in soils at the site is completely random and appears to be related to the historic fill materials found in the upper 12 feet across both properties. There are no known past or present onsite sources of lead that are responsible for the scattered exceedances. The appropriate regulatory response to these results is discussed in Section 5: Conclusions and Recommendations.

4.1.2 VOCs in Soil

A total of eight soil samples were collected and analyzed for VOCs; one from each soil boring location. Seven soil borings showed detections of one or more VOCs but no detections were above their NYSDEC RSCOs. Total VOCs concentrations in soil at the Site range from zero to 607.7 micrograms per kilograms (µg/kg).

4.1.3 TPH in Soil

A total of eight soil borings were sampled at the Site for TPH concentrations. No TPH concentrations were found to exceed 1000 mg/kg. The highest TPH concentration found on Blocks 2076/2077 was 352 mg/kg in the 0ft to 4 ft sample in boring RA-3. No specific hydrocarbon source at the site appears to be responsible for the detected TPH. The TPH results are apparently associated with the historic fill that blankets the property.

4.2 Groundwater Quality

To evaluate potential impacts to groundwater originating from the former service station, groundwater samples were collected for VOC and lead analyses from the three monitoring wells, B-5, B-9 and B-13, and three soil boring locations, RA-1and RA-7 (VOCs only). Naphthalene was the only VOC detected in groundwater at the Site. Naphthalene was detected at a concentration of 6.5 µg/L in monitoring well B-9. This detection does not exceed the NYSDEC Ambient Water Quality Standard and Guidance Value (AWQSGV) of 10 µg/L.

Lead results in groundwater show the impact of suspended silt and clay as a source of natural lead. In unfiltered samples from wells B-5 and B-9, lead was detected at concentrations of 1,300 µg/L and 4,400 µg/L respectively. These detections exceeded the NYSDEC AWQSGV for lead (25 µg/L). The filtered sample results from these wells were nondetect in B-5 and 12 µg/l in B-9. The third well, B-13, had 18 µg/l (unfiltered) and nondetect (filtered). These results do indicate there is a dissolved lead issue at the site. Because NYSDEC sampling protocols do not incorporate filtering of metals samples, regulatory review of these results would most likely produce a request for additional groundwater sampling to clarify the issue.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The following conclusions can be reached based on the results of the Phase II investigation.

- The GPR survey identified two possible USTs approximately 40 feet east of the former service station as well as former conduits and underground utilities at the Site.

- Eight soil samples were collected for VOC and TPH analysis. No VOCs were detected above NYSDEC RSCOs. None of the samples contained significantly elevated TPH concentrations.

- Roux Associates' results do not indicate any prior releases from the service station area.

- The collection and analysis of 24 soil samples from eight boreholes for lead found four samples that exceeded 500 mg/kg, the NYSDEC RSCO for lead. The two samples that had lead concentrations above 700 mg/kg were analyzed for TCLP lead and one of these was found to exceed 5,000 µg/l, the threshold above which materials are considered hazardous.

- The historic fill that blankets the site is the apparent source of the scattered elevated lead concentrations based on the random distribution of the lead detections and the lack of any known specific sources.

- Groundwater sampling for VOCs from five wells and/or borings found only one compound detected in one well and it was below the NYSDEC AWQSGV.

- Groundwater sampling for lead in three wells found elevated lead concentrations above the AWQSGV in two unfiltered samples. The filtered samples from these wells were below the AWQGSV. This indicates the lead is not dissolved or migrating in groundwater. The lead is the result of leaching from suspended silt and clay in the turbid unfiltered samples.

- There is no rationale for making a spill notification related to hydrocarbons or lead concentrations in soil or groundwater.

5.2 Recommendations

The following recommendations are made based on the finding of the Phase II investigation.

- During redevelopment of the site, soils that have been documented to exceed TCLP standards for lead should be treated as a hot spot and excavated for offsite disposal as a hazardous waste. Handling, transportation and disposal should be consistent with RCRA requirements. All other excavated soils should have appropriate waste characterization tests conducted to determine handling and disposal requirements.

- If soils are to be excavated and reused on site as backfill, a Beneficial Use Determination (BUD) should be prepared in conjunction with NYSDEC. A BUD is a NYS-specific solid waste program that provides the rationale for leaving impacted soils onsite. Based

on the detected concentrations of lead and hydrocarbons and Roux Associates' experience with similar projects, it is anticipated that a BUD can be successfully negotiated at the Rego Park site.

Respectfully submitted,

ROUX ASSOCIATES, INC.

Sin Senh
Senior Hydrogeologist

Craig A. Werle, P.G.
Principal Hydrogeologist

Table 1. Summary of Lead Detected in Soil, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Sample Designation	Sample Date	Sample Depth (ft bls)	Lead (mg/kg)	TCLP Lead (µg/L)
			NYSDEC RSCOs	
			500 (mg/kg)	5,000 (µg/L)
RA-1	01/13/04	0-4	129	NA
RA-1	01/13/04	4-8	30.4	NA
RA-1	01/13/04	8-12	4.1	NA
RA-2	01/13/04	0-4	224	NA
RA-2	01/13/04	4-8	7.2	NA
RA-2	01/13/04	8-12	292	NA
RA-3	01/13/04	0-4	221	NA
RA-3	01/13/04	4-8	33.4	NA
RA-3	01/13/04	8-12	61.5	NA
RA-4	01/12/04	0-4	236	NA
RA-4	01/12/04	4-8	208	NA
RA-4	01/12/04	8-12	163	NA
RA-5	01/12/04	0-4	182	NA
RA-5	01/12/04	4-8	75.1	NA
RA-5	01/12/04	8-12	29.7	NA
RA-6	01/13/04	0-4	191	NA
RA-6	01/13/04	4-8	85.4	NA
RA-6	01/13/04	8-12	34.7	NA
RA-7	01/12/04	0-4	**719**	914
RA-7	01/12/04	4-8	197	NA
RA-7	01/12/04	8-12	**522**	NA
RA-8	01/12/04	0-4	**1,170**	**17,400**
RA-8	01/12/04	4-8	19.3	NA
RA-8	01/12/04	8-12	**612**	NA

mg/kg - Milligrams per kilogram
µg/L - Micrograms per liter
ft bls - Feet below land surface
TCLP - Toxicity Characteristic Leachate Procedure
NYSDEC - New York State Department of Environmental Conservation
RSCOs - Recommended Soil Cleanup Objectives
NA - Not Analyzed

Notes:
1 - Bold data indicates that parameter was detected above the NYSDEC RSCOs (500 mg/kg)
2 - TCLP greater than 5,000 µg/L is considered hazardous

Table 2. Summary of Volatile Organic Compounds Detected in Soil, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: / Sample Date: / Sample Depth (ft bls):	RA-1 01/13/04 6-8	RA-2 01/13/04 4-6	RA-3 01/13/04 2-4	RA-4 01/12/04 10-12	RA-5 01/12/04 4-6	RA-6 01/13/04 8-10	RA-7 01/12/04 10-12	RA-8 01/12/04 10-12
1,1,1,2-Tetrachloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,1-Trichloroethane	800		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,2,2-Tetrachloroethane	600		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,2-Trichloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1-Dichloroethane	200		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,1-Dichloroethene	400		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1-Dichloropropene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,3-Trichlorobenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2,3-Trichloropropane	400		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,4-Trichlorobenzene	3400		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,4-Trimethylbenzene	13000		6.1	27	2.3	1.1 U	0.94 J	150 E	1.2 U	1.1 U
1,2-Dibromo-3-chloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dibromoethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dichlorobenzene	7900		5.8 U	5.5 U	1.1 U	1.1 U	0.61 J	1.1 U	1.2 U	1.1 U
1,2-Dichloroethane	100		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,3,5-Trimethylbenzene	3300		5.8 U	25	2.8	1.1 U	0.77 J	31 D	1.2 U	1.1 U
1,3-Dichlorobenzene	1600		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,3-Dichloropropane	300		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,4-Dichlorobenzene	8500		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
2,2-Dichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
2-Chlorotoluene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
4-Chlorotoluene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Benzene	60		5.8 U	3.1 J	5.7	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromobenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromochloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Bromodichloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Bromoform	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromomethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Carbon tetrachloride	600		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Chlorobenzene	1700		5.8 U	5.5 U	1.1 U	1.1 U	2.7	1.1 U	1.2 U	1.1 U
Chloroethane	1900		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Chloroform	300		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Chloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
cis-1,2-Dichloroethene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
cis-1,3-Dichloropropene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Dibromochloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U

Table 2. Summary of Volatile Organic Compounds Detected in Soil, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Parameter (Concentrations in µg/kg)	NYSDEC RSCOs (µg/kg)	Sample Designation: / Sample Date: / Sample Depth (ft bls):	RA-1 01/13/04 6-8	RA-2 01/13/04 4-6	RA-3 01/13/04 2-4	RA-4 01/12/04 10-12	RA-5 01/12/04 4-6	RA-6 01/13/04 8-10	RA-7 01/12/04 10-12	RA-8 01/12/04 10-12
Dibromomethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Dichlorodifluoromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Ethylbenzene	5500		5.8 U	7.0	1.2	1.1 U	1.2 U	1.1 J	1.2 U	1.1 U
Hexachlorobutadiene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Isopropylbenzene	5000		5.8 U	32	5.5	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
m+p-Xylene	--		5.8 U	50	6.9	1.1 U	0.76 J	4.5 JD	1.3	1.1 U
Methylene chloride	100		5.8 U	5.5 U	1.1 U	1.1 U	1.2	1.1 J	1.5	1.1 U
n-Butylbenzene	18000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
n-Propylbenzene	14000		5.8 U	56	5.6	1.1 U	1.2 U	5.2 JD	1.2 U	1.1 U
Naphthalene	13000		5.8 U	89	2.6	1.1 U	1.1 J	390 E	1.2 U	8.5
o-Xylene	--		5.8 U	17	2.3	1.1 U	1.2 U	3.8	1.2 U	1.1 U
p-Isopropyltoluene	11000		5.8 U	30	3.5	1.1 U	1.2 U	21 D	1.2 U	1.1 U
sec-Butylbenzene	25000		5.8 U	9.1	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Styrene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
tert-Butylbenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Tetrachloroethene	1400		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Toluene	1500		4.8 J	4.3 J	2.6	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
trans-1,2-Dichloroethene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
trans-1,3-Dichloropropene	300		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Trichloroethene	700		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Trichlorofluoromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Vinyl chloride	200		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Total VOCs:			10.9	349.5	41	0	8.08	607.7	2.8	8.5

U - Indicates that the compound was analyzed for but not detected
J - Estimated value
D - Dilution
E - Exceeds calibration limits
µg/kg - Micrograms per kilogram
-- No NYSDEC RSCO available
NYSDEC - New York State Department of Environmental Conservation
RSCOs - Recommended Soil Cleanup Objectives
ft bls - Feet below land surface

Table 3. Summary of Total Petroleum Hydrocarbons Detected in Soil, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Sample Designation	Sample Date	Sample Depth (ft bls)	TPH Recoverable (mg/kg)
			Threshold 1,000 (mg/kg)
RA-1	01/13/04	6-8	243
RA-2	01/13/04	4-6	152
RA-3	01/13/04	2-4	352
RA-4	01/12/04	10-12	337
RA-5	01/12/04	4-6	223
RA-6	01/13/04	8-10	113
RA-7	01/12/04	10-12	176
RA-8	01/12/04	10-12	114

mg/kg - Milligrams per kilogram
ft bls - Feet below land surface

Note:
Bold data indicates that parameter was detected above the Threshold (1,000 mg/kg)

Table 4. Summary of Volatile Organic Compounds Detected in Groundwater, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs[1] (µg/L)	Sample Designation: / Sample Date:	B-5 01/13/04	B-9 01/12/04	B-13 01/13/04	RA-1 01/13/04	RA-7 01/12/04
1,1,1,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	0.04		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	0.04		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorotoluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	--		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	--		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	50		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 4. Summary of Volatile Organic Compounds Detected in Groundwater, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs[1] (µg/L)	Sample Designation:	B-5	B-9	B-13	RA-1	RA-7
		Sample Date:	01/13/04	01/12/04	01/13/04	01/13/04	01/12/04
Dibromomethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	0.5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m+p-Xylene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	10		1.0 U	6.5	1.0 U	1.0 U	1.0 U
o-Xylene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
p-Isopropyltoluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total VOCs:			**0**	**6.5**	**0**	**0**	**0**

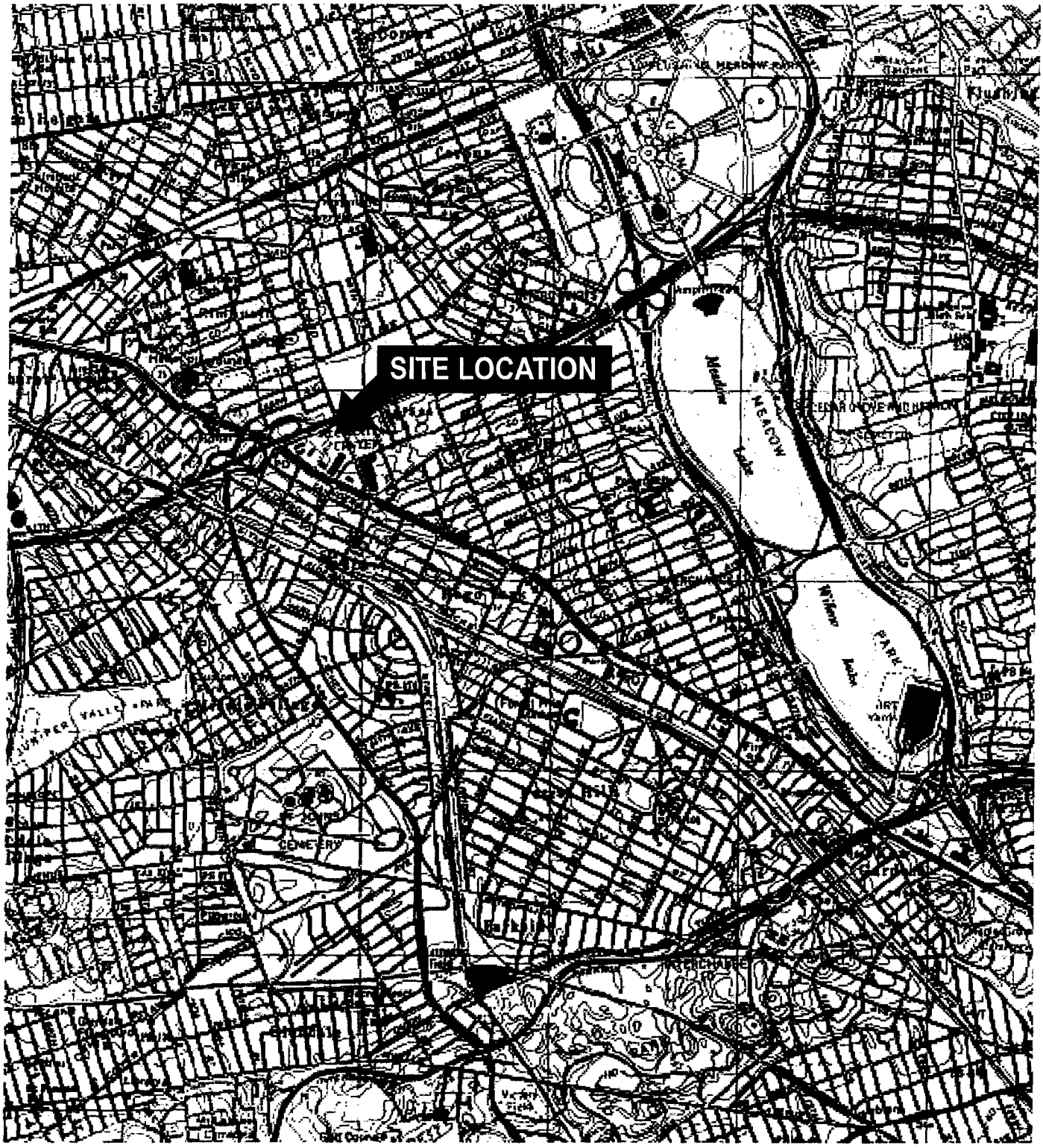
[1] - New York State Department of Environmental Conservation (NYSDEC) Ambient Water-Quality Standards and Guidance Values (AWQSGVs)
µg/L -Micrograms per liter
U - Compound was analyzed for but not detected
- - No NYSDEC AWQSGV available

Table 5. Summary of Lead Detected in Groundwater, Blocks 2076 and 2077
Vornado Realty Trust, Rego Park, New York, Phase II ESA

Sample Designation	Sample Date	Lead (Unfiltered) (µg/L)	Lead (Filtered) (µg/L)
		NYSDEC AWQSGVs 25 (µg/L)	
B-5	01/13/04	**1300**	5 U
B-9	01/13/04	**4400**	12
B-13	01/13/04	18	5 U

µg/L - Micrograms per liter
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values

Notes:
1 - Bold data indicates that parameter was detected above the NYSDEC AWQSGVs (25 µg/L)



QUADRANGLE LOCATION



SOURCE:
USGS; 1995, Mount Vernon, New York
7.5 Minute Topographic Quadrangle

N

Title:

SITE LOCATION MAP

BLOCKS 2076 AND 2077
REGO PARK, NEW YORK

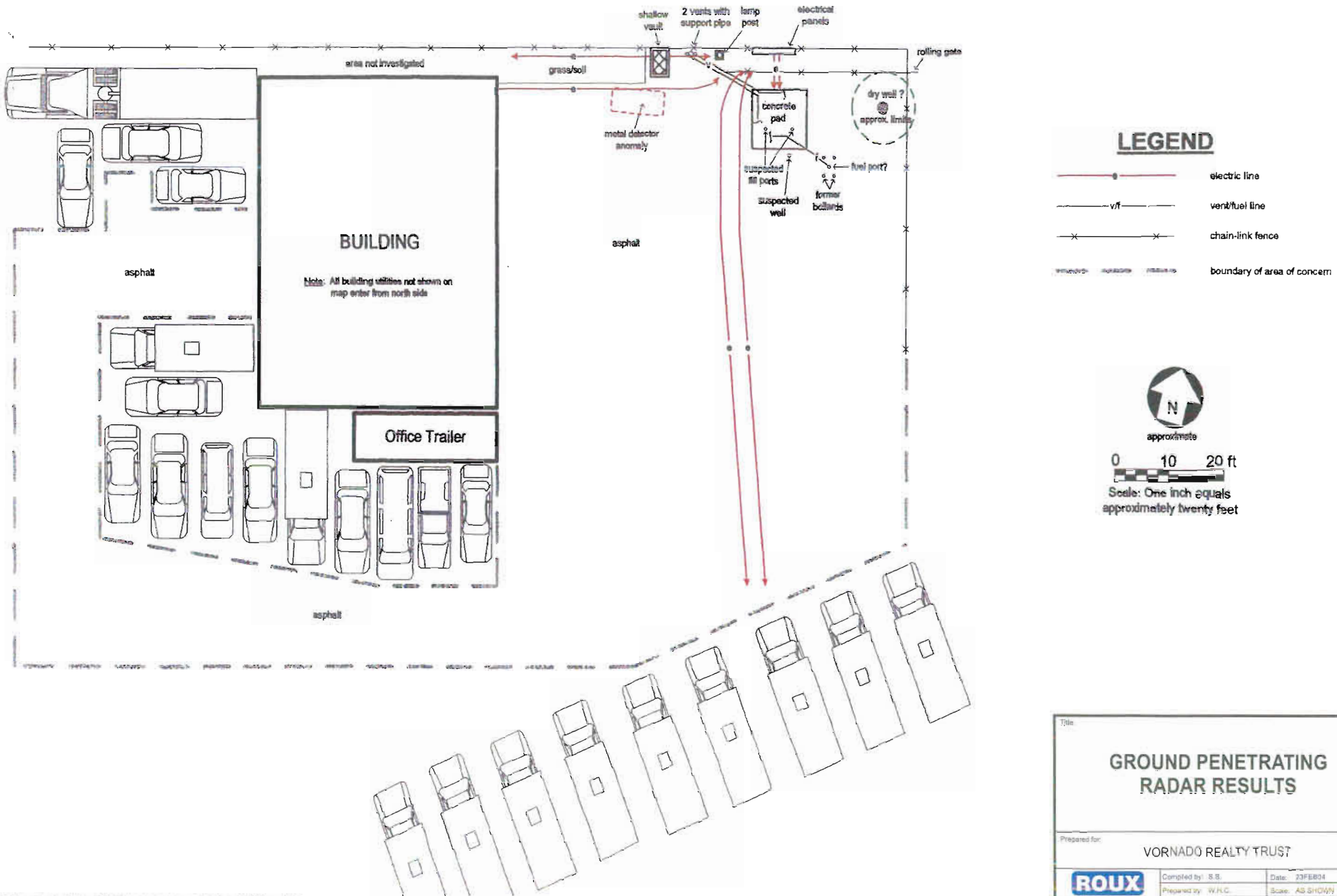
Prepared for:

VORNADO REALTY TRUST

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: S.S.	Date: 8FEB04	FIGURE
Prepared by: S.S.	Scale: NTS	1
Project Mgr.: C.W.	Office: NY	
File No.: VOR0310002.CDR	Project No.: 98703Y	

N:\PROJECTS\VOR9807\VOR03Y1100\VOR0310002.CDR



MAP SOURCE: ADAPTED FROM NAEVA GEOPHYSICAL, INC.

Title

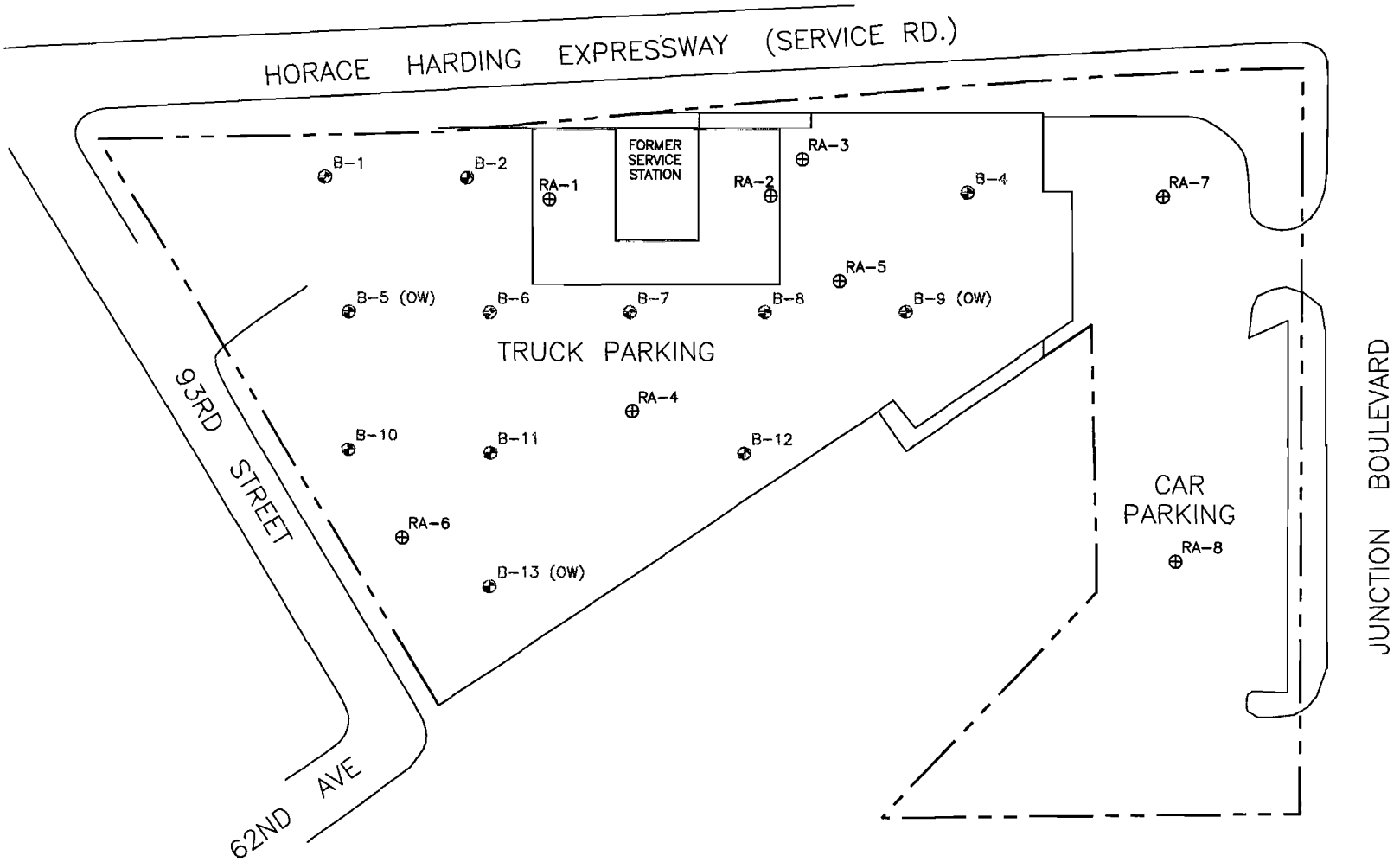
GROUND PENETRATING RADAR RESULTS

Prepared for:

VORNADO REALTY TRUST

ROUX ASSOCIATES, INC. Environmental Consulting & Management	Compiled by: S.S.	Date: 23FEB04	FIGURE
	Prepared by: W.H.C.	Scale: AS SHOWN	2
	Project Mgr. S.S.	Office: NY	
	File No.: VOC0310003.CDR	Project No.: 98703Y	

N:\PROJECTS\VOR987Y\VOR03Y\101\VOR0310101.DWG



LEGEND

B-11 PREVIOUS GEOTECHNICAL BORINGS

RA-6 ROUX ASSOCIATES, INC. SOIL BORING (APPROXIMATE LOCATION)

B-13 (OW) LOCATION AND DESIGNATION OF MONITORING WELL

APPROXIMATE EXTENT OF GEOPHYSICAL INVESTIGATION

50' 0 50'

APPROXIMATE SCALE

N

Title:

PHASE II ESA
BORING LOCATIONS

BLOCKS 2076 AND 2077
REGO PARK, NEW YORK

Prepared For:
VORNADO REALTY TRUST

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: S.S	Date: 26FEB04	FIGURE
Prepared by: R.K.	Scale: AS SHOWN	3
Project Mgr: C.W.	Office: NY	
File No: VOR0310101	Project: 98703Y	

APPENDIX A

Laboratory Data Sheets

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 6-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 15:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-6
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	243			84	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	14.2			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	85.8			0.10	%	01/19/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Chloromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Vinyl chloride*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Bromomethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Chloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Trichlorofluoromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1-Dichloroethene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Methylene chloride*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	trans-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1-Dichloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	2,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	cis-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Bromochloromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Chloroform*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1,1-Trichloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1-Dichloropropene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Carbon tetrachloride*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Benzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2-Dichloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Trichloroethene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Dibromomethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Bromodichloromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	cis-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Toluene*	0.96	J		1.2	ug/Kg	01/21/04	pcp
	trans-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1,2-Trichloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Tetrachloroethene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,3-Dichloropropane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Dibromochloromethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2-Dibromoethane (EDB)*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Chlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1,1,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Ethylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	m&p-Xylenes*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	o-Xylene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Styrene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Bromoform*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Isopropylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Bromobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,1,2,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 6-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 15:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-6
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	n-Propylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	2-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,3,5-Trimethylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	4-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	tert-Butylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2,4-Trimethylbenzene*	1.2			1.2	ug/Kg	01/21/04	pcp
	sec-Butylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,3-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	p-Isopropyltoluene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,4-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	n-Butylbenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2-Dibromo-3-chloropropane*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2,4-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Hexachlorobutadiene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	Naphthalene*	1.2	U		1.2	ug/Kg	01/21/04	pcp
	1,2,3-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-2 4-6
Date Sampled.....: 01/13/2004
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-1
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	152			79	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	9.2			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	90.8			0.10	%	01/19/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Chloromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Vinyl chloride*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Bromomethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Chloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Trichlorofluoromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1-Dichloroethene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Methylene chloride*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	trans-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1-Dichloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	2,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	cis-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Bromochloromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Chloroform*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1,1-Trichloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1-Dichloropropene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Carbon tetrachloride*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Benzene*	0.62	J		1.1	ug/Kg	01/21/04	pcp
	1,2-Dichloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Trichloroethene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Dibromomethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Bromodichloromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	cis-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Toluene*	0.87	J		1.1	ug/Kg	01/21/04	pcp
	trans-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1,2-Trichloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Tetrachloroethene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,3-Dichloropropane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Dibromochloromethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2-Dibromoethane (EDB)*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Chlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1,1,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Ethylbenzene*	1.4			1.1	ug/Kg	01/21/04	pcp
	m&p-Xylenes*	9.9			1.1	ug/Kg	01/21/04	pcp
	o-Xylene*	3.4			1.1	ug/Kg	01/21/04	pcp
	Styrene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Bromoform*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Isopropylbenzene*	6.4			1.1	ug/Kg	01/21/04	pcp
	Bromobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,1,2,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-2 4-6
Date Sampled.....: 01/13/2004
Time Sampled.....: 13:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-1
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	n-Propylbenzene*	11			1.1	ug/Kg	01/21/04	pcp
	2-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,3,5-Trimethylbenzene*	5.1			1.1	ug/Kg	01/21/04	pcp
	4-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	tert-Butylbenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2,4-Trimethylbenzene*	5.4			1.1	ug/Kg	01/21/04	pcp
	sec-Butylbenzene*	1.8			1.1	ug/Kg	01/21/04	pcp
	1,3-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	p-Isopropyltoluene*	6.0			1.1	ug/Kg	01/21/04	pcp
	1,4-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	n-Butylbenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2-Dibromo-3-chloropropane*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	1,2,4-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Hexachlorobutadiene*	1.1	U		1.1	ug/Kg	01/21/04	pcp
	Naphthalene*	18			1.1	ug/Kg	01/21/04	pcp
	1,2,3-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-3 2-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-8
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	352			160	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	9.9			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.1			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Benzene*	5.7			1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Toluene*	2.6			1.1	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.2			1.1	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	6.9			1.1	ug/Kg	01/20/04	pcp
	o-Xylene*	2.3			1.1	ug/Kg	01/20/04	pcp
	Styrene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromoform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	5.5			1.1	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATIN: Craig Werle

Customer Sample ID: RA-3 2-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-8
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	5.6			1.1	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	2.8			1.1	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	2.3			1.1	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	3.5			1.1	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Naphthalene*	2.6			1.1	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-4 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 15:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-18
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	337			160	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	9.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.8			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Benzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Toluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	o-Xylene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Styrene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromoform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-4 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 15:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-18
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Naphthalene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-5 4-6
Date Sampled.....: 01/12/2004
Time Sampled.....: 13:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-14
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	223			83	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	13.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	86.8			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromomethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.2			1.2	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloroform*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Benzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Toluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chlorobenzene*	2.7			1.2	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	0.76	J		1.2	ug/Kg	01/20/04	pcp
	o-Xylene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Styrene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromoform*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-5 4-6
Date Sampled.....: 01/12/2004
Time Sampled.....: 13:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-14
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	0.77	J		1.2	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	0.94	J		1.2	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	0.61	J		1.2	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Naphthalene*	1.1	J		1.2	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 8-10
Date Sampled.....: 01/13/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	113			81	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	10.9			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	89.1			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.1	J		1.1	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Benzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Toluene*	0.73	J		1.1	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.1	J		1.1	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	5.5			1.1	ug/Kg	01/20/04	pcp
	o-Xylene*	3.8			1.1	ug/Kg	01/20/04	pcp
	Styrene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromoform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	2.0			1.1	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 8-10
Date Sampled.....: 01/13/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	5.5			1.1	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	33			1.1	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	150		E	1.1	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	12			1.1	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	19			1.1	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Naphthalene*	390		E	1.1	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 8-10
Date Sampled.....: 01/13/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Chloromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Vinyl chloride*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Bromomethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Chloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Trichlorofluoromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1-Dichloroethene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Methylene chloride*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	trans-1,2-Dichloroethene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1-Dichloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	2,2-Dichloropropane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	cis-1,2-Dichloroethene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Bromochloromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Chloroform*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1,1-Trichloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1-Dichloropropene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Carbon tetrachloride*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Benzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2-Dichloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Trichloroethene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2-Dichloropropane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Dibromomethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Bromodichloromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	cis-1,3-Dichloropropene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Toluene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	trans-1,3-Dichloropropene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1,2-Trichloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Tetrachloroethene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,3-Dichloropropane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Dibromochloromethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2-Dibromoethane (EDB)*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Chlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1,1,2-Tetrachloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Ethylbenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	m&p-Xylenes*	4.5	J	D	5.6	ug/Kg	01/21/04	pcp
	o-Xylene*	2.9	J	D	5.6	ug/Kg	01/21/04	pcp
	Styrene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Bromoform*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Isopropylbenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Bromobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,1,2,2-Tetrachloroethane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2,3-Trichloropropane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	n-Propylbenzene*	5.2	J	D	5.6	ug/Kg	01/21/04	pcp
	2-Chlorotoluene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,3,5-Trimethylbenzene*	31		D	5.6	ug/Kg	01/21/04	pcp
	4-Chlorotoluene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	tert-Butylbenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2,4-Trimethylbenzene*	120		D	5.6	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 8-10
Date Sampled.....: 01/13/2004
Time Sampled.....: 09:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,3-Dichlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	p-Isopropyltoluene*	21		D	5.6	ug/Kg	01/21/04	pcp
	1,4-Dichlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	n-Butylbenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2-Dichlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2-Dibromo-3-chloropropane*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	1,2,4-Trichlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Hexachlorobutadiene*	5.6	U		5.6	ug/Kg	01/21/04	pcp
	Naphthalene*	460		D	5.6	ug/Kg	01/21/04	pcp
	1,2,3-Trichlorobenzene*	5.6	U		5.6	ug/Kg	01/21/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-8
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	176			85	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	15.8			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	84.2			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromomethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.5			1.2	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chloroform*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Benzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Toluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Chlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	1.3			1.2	ug/Kg	01/20/04	pcp
	o-Xylene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Styrene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromoform*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.2	U		1.2	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 09:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-8
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	Naphthalene*	1.2	U		1.2	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.2	U		1.2	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-8 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 07:40
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 418.1	TPH, Recoverable*	114			82	mg/Kg	01/16/04	ae
EPA 160.3	% Moisture	11.7			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	88.3			0.10	%	01/16/04	cmp
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Vinyl chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichlorofluoromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Methylene chloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	trans-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,2-Dichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chloroform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Carbon tetrachloride*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Benzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Trichloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromomethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromodichloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	cis-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Toluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	trans-1,3-Dichloropropene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2-Trichloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Tetrachloroethene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Dibromochloromethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromoethane (EDB)*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Chlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,1,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Ethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	m&p-Xylenes*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	o-Xylene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Styrene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromoform*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Isopropylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Bromobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,1,2,2-Tetrachloroethane*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-8 10-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 07:40
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	1,2,3-Trichloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Propylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	2-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3,5-Trimethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	4-Chlorotoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	tert-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trimethylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	sec-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,3-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	p-Isopropyltoluene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,4-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	n-Butylbenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2-Dibromo-3-chloropropane*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	1,2,4-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Hexachlorobutadiene*	1.1	U		1.1	ug/Kg	01/20/04	pcp
	Naphthalene*	8.5			1.1	ug/Kg	01/20/04	pcp
	1,2,3-Trichlorobenzene*	1.1	U		1.1	ug/Kg	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-1 8-12
Date Sampled.....: 01/13/2004
Time Sampled.....: 15:40
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-5
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	5.5			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	94.5			0.10	%	01/19/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	4.1			0.63	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-1 4-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 15:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-4
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10.0			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	90.0			0.10	%	01/19/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	30.4			0.68	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 0-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 15:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-3
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	8.2			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	91.8			0.10	%	01/19/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	129			0.68	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-2 8-12
Date Sampled.....: 01/13/2004
Time Sampled.....: 14:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232421-2
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	22.2			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	77.8			0.10	%	01/19/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	292			0.80	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-2 4-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 13:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-10
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	7.5			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	92.5			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	7.2		*	0.65	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-2 0-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 13:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-9
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	11.0			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	89.0			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	224		*	0.70	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-3 8-12
Date Sampled.....: 01/13/2004
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-7
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	9.8			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.2			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	61.5		*	0.69	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-3 4-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-6
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	9.0			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	91.0			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	33.4		*	0.65	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-3 0-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-5
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	9.6			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.4			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	221		*	0.69	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-4 8-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 14:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-17
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	9.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.8			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	163		*	0.64	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO RBGO ATTN: Craig Werle

Customer Sample ID: RA-4 4-8
Date Sampled.....: 01/12/2004
Time Sampled.....: 14:40
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-16
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10.7			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	89.3			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	208		*	0.70	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-4 0-4
Date Sampled.....: 01/12/2004
Time Sampled.....: 14:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-15
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.0			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP)							
	Lead (Pb)*	236		*	0.68	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-5 8-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 13:00
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-13
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	15.0			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	85.0			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	29.7		*	0.71	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-5 4-8
Date Sampled.....: 01/12/2004
Time Sampled.....: 12:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-12
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	89.8			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP)							
	Lead (Pb)*	75.1		*	0.63	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-5 0-4
Date Sampled.....: 01/12/2004
Time Sampled.....: 12:20
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-11
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	6.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	93.8			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	182		*	0.67	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-6 0-4
Date Sampled.....: 01/13/2004
Time Sampled.....: 08:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-1
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	13.4			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	86.6			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	191		*	0.72	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 4-8
Date Sampled.....: 01/13/2004
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-2
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	9.4			0.10	%	01/19/04	cmp
EPA 160.3	% Solids	90.6			0.10	%	01/19/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	85.4		*	0.68	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232420 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-6 8-12
Date Sampled.....: 01/13/2004
Time Sampled.....: 08:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232420-3
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	6.9			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	93.1			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	34.7		*	0.69	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATIN: Craig Werle

Customer Sample ID: RA-7 8-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-7
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	14.8			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	85.2			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	522		*	0.73	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 4-8
Date Sampled.....: 01/12/2004
Time Sampled.....: 08:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-6
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	12.2			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	87.8			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP)							
	Lead (Pb)*	197		*	0.67	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 0-4
Date Sampled.....: 01/12/2004
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-5
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	13.7			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	86.3			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	719		*	0.71	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-8 0-4
Date Sampled.....: 01/12/2004
Time Sampled.....: 06:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-1
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10.6			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	89.4			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	1170		*	0.65	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-8 4-8
Date Sampled.....: 01/12/2004
Time Sampled.....: 07:10
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-2
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	13.4			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	86.6			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	19.3		*	0.74	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-8 8-12
Date Sampled.....: 01/12/2004
Time Sampled.....: 07:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232419-3
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 3050B	Acid Digestion: Solids*	Complete				Text	01/16/04	ne
EPA 160.3	% Moisture	10			0.10	%	01/16/04	cmp
EPA 160.3	% Solids	90.0			0.10	%	01/16/04	cmp
SW846 6010B	Metals Analysis (ICAP) Lead (Pb)*	612		*	0.64	mg/Kg	01/19/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232652

Date:01/30/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-7 0-4'
Date Sampled.....: 01/12/2004
Time Sampled.....: 08:30
Sample Matrix.....: Soil

Laboratory Sample ID: 232652-6
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 6010B	Metals Analysis (ICAP) Lead (Pb), TCLP	914			4.4	200	2.000	ug/L		01/28/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232652

Date:01/30/2004

CUSTOMER: Roux Associates, Inc.

PROJECT: 98703Y VORNADO REGO

ATTN: Craig Werle

Customer Sample ID: RA-8 0-4'
Date Sampled.....: 01/12/2004
Time Sampled.....: 06:50
Sample Matrix.....: Soil

Laboratory Sample ID: 232652-5
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 6010B	Metals Analysis (ICAP) Lead (Pb), TCLP	17400			4.4	200	2.000	ug/L		01/28/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-5
Date Sampled.....: 01/13/2004
Time Sampled.....: 07:30
Sample Matrix.....: Water

Laboratory Sample ID: 232419-20
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/20/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/20/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/20/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/20/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-5
Date Sampled.....: 01/13/2004
Time Sampled.....: 07:30
Sample Matrix.....: Water

Laboratory Sample ID: 232419-20
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/20/04	pcp
	Naphthalene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-13
Date Sampled.....: 01/13/2004
Time Sampled.....: 06:40
Sample Matrix.....: Water

Laboratory Sample ID: 232419-19
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/20/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/20/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/20/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/20/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-13
Date Sampled.....: 01/13/2004
Time Sampled.....: 06:40
Sample Matrix.....: Water

Laboratory Sample ID: 232419-19
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/20/04	pcp
	Naphthalene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-9
Date Sampled.....: 01/12/2004
Time Sampled.....: 11:30
Sample Matrix.....: Water

Laboratory Sample ID: 232419-10
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/20/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/20/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/20/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/20/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: B-9
Date Sampled.....: 01/12/2004
Time Sampled.....: 11:30
Sample Matrix.....: Water

Laboratory Sample ID: 232419-10
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/20/04	pcp
	Naphthalene	6.5			1.0	ug/L	01/20/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 GW
Date Sampled.....: 01/12/2004
Time Sampled.....: 09:50
Sample Matrix.....: Water

Laboratory Sample ID: 232419-9
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/20/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/20/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/20/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/20/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/20/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/20/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232419 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-7 GW
Date Sampled.....: 01/12/2004
Time Sampled.....: 09:50
Sample Matrix.....: Water

Laboratory Sample ID: 232419-9
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/20/04	pcp
	Naphthalene	1.0	U		1.0	ug/L	01/20/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/20/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421

Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 GW
Date Sampled.....: 01/13/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 232421-7
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/16/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/16/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/16/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/16/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/16/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/16/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/16/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/16/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/16/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/16/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/16/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/16/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/16/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/16/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/16/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/16/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/16/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/16/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 GW
Date Sampled.....: 01/13/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 232421-7
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/16/04	pcp
	Naphthalene	1.0	U		1.0	ug/L	01/16/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/16/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

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TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Dichlorodifluoromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Chloromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Vinyl chloride	1.0	U		1.0	ug/L	01/17/04	pcp
	Bromomethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Chloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Trichlorofluoromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1-Dichloroethene	1.0	U		1.0	ug/L	01/17/04	pcp
	Methylene chloride	1.0	U		1.0	ug/L	01/17/04	pcp
	trans-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1-Dichloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	2,2-Dichloropropane	1.0	U		1.0	ug/L	01/17/04	pcp
	cis-1,2-Dichloroethene	1.0	U		1.0	ug/L	01/17/04	pcp
	Bromochloromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Chloroform	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1,1-Trichloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1-Dichloropropene	1.0	U		1.0	ug/L	01/17/04	pcp
	Carbon tetrachloride	1.0	U		1.0	ug/L	01/17/04	pcp
	Benzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2-Dichloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Trichloroethene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2-Dichloropropane	1.0	U		1.0	ug/L	01/17/04	pcp
	Dibromomethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Bromodichloromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	cis-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/17/04	pcp
	Toluene	1.0	U		1.0	ug/L	01/17/04	pcp
	trans-1,3-Dichloropropene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1,2-Trichloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Tetrachloroethene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,3-Dichloropropane	1.0	U		1.0	ug/L	01/17/04	pcp
	Dibromochloromethane	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2-Dibromoethane (EDB)	1.0	U		1.0	ug/L	01/17/04	pcp
	Chlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1,1,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	Ethylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	m&p-Xylenes	1.0	U		1.0	ug/L	01/17/04	pcp
	o-Xylene	1.0	U		1.0	ug/L	01/17/04	pcp
	Styrene	1.0	U		1.0	ug/L	01/17/04	pcp
	Bromoform	1.0	U		1.0	ug/L	01/17/04	pcp
	Isopropylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	Bromobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,1,2,2-Tetrachloroethane	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2,3-Trichloropropane	1.0	U		1.0	ug/L	01/17/04	pcp
	n-Propylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	2-Chlorotoluene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,3,5-Trimethylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	4-Chlorotoluene	1.0	U		1.0	ug/L	01/17/04	pcp
	tert-Butylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2,4-Trimethylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 232421 Date: 01/22/2004

CUSTOMER: Roux Associates, Inc. PROJECT: 98703Y VORNADO REGO ATTN: Craig Werle

Customer Sample ID: RA-1 GW
Date Sampled.....: 01/13/2004
Time Sampled.....: 16:20
Sample Matrix.....: Water

Laboratory Sample ID: 232421-7
Date Received.....: 01/15/2004
Time Received.....: 11:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	sec-Butylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,3-Dichlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	p-Isopropyltoluene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,4-Dichlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	n-Butylbenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2-Dichlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2-Dibromo-3-chloropropane	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2,4-Trichlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp
	Hexachlorobutadiene	1.0	U		1.0	ug/L	01/17/04	pcp
	Naphthalene	1.0	U		1.0	ug/L	01/17/04	pcp
	1,2,3-Trichlorobenzene	1.0	U		1.0	ug/L	01/17/04	pcp

* In Description = Dry Wgt.

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.240494.01 02/19/04

Roux Associates, Incorporated
209 Shafter Street
Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0720
MATRIX:Water SAMPLE: B-9

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	4.4		02/13/04	0.05	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4139 NYSDOH ID # 10320

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LAB NO.240494.02 02/19/04

Roux Associates, Incorporated
209 Shafter Street
Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0720
MATRIX:Water SAMPLE: B-9D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	0.012		02/13/04	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4140 NYSDOH ID # 10320

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.240494.04 02/19/04

Roux Associates, Incorporated
209 Shafter Street
Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0810
MATRIX:Water SAMPLE: B-13D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	< 0.005		02/13/04	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4142 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.240494.03 02/19/04

Roux Associates, Incorporated
209 Shafter Street
Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0810

MATRIX:Water SAMPLE: B-13

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	0.018		02/13/04	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4141 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.240494.05 02/19/04

Roux Associates, Incorporated
209 Shafter Street
Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0850
MATRIX:Water SAMPLE: B-5

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	1.3		02/13/04	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4143 NYSDOH ID # 10320

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

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LAB NO.240494.06 02/19/04

Roux Associates, Incorporated
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Islandia, NY 11749-5074

ATTN: Sin Sehn PO#:

SOURCE OF SAMPLE: Vornado Realty, Rego Park, Project #98703Y
SOURCE OF SAMPLE:
COLLECTED BY: Client DATE COL'D:02/11/04 RECEIVED:02/11/04
TIME COL'D:0850
MATRIX:Water SAMPLE: B-5D

ANALYTICAL PARAMETERS	UNITS	RESULT	FLAG	DATE OF ANALYSIS	LRL	ANALYTICAL METHOD
ead as Pb	mg/L	< 0.005		02/13/04	0.005	EPA200.7

cc:

LRL=Laboratory Reporting Limit

REMARKS:

DIRECTOR

rn = 4144 NYSDOH ID # 10320

March 6, 2012

SUPPLEMENTAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

Rego Z Property — Tax Blocks 2076 and 2077
Rego Park, New York

Prepared for

ALEXANDER'S OF REGO PARK III, INC.
219 Route 4 East
Paramus, New Jersey 07652

ROUX ASSOCIATES, INC.

Environmental Consulting & Management

ROUX

209 Shafter Street, Islandia, New York 11749 ♦ 631-232-2600

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1. Site Location Map
2. Supplemental Phase II Site Plan
3. Supplemental Phase II Exceedances of Soil Standards

APPENDICES

A. Laboratory Data Sheets
B. Soil Boring Logs

1.0 INTRODUCTION

On behalf of Alexander's of Rego Park III, Inc., Roux Associates, Inc. (Roux Associates) has completed the Supplemental Phase II Environmental Site Assessment (ESA) for the property at Tax Blocks 2076 and 2077 in Rego Park, New York (Site). The Site is commonly referred to as the "Rego Z Property". The location of the Site is shown on Figure 1 and the limits of the Rego Z Property are shown in Figure 2. The Supplemental Phase II ESA was performed to investigate the environmental quality of the Site and to follow up on previous investigations and findings presented in the September 7, 1994 "Evaluation of Existing Parking Lot Fill" report prepared by Langan Engineering and Environmental Services, P.C. (Langan), the May 27, 2003 "Phase I Environmental Site Assessment," prepared by AKRF, the September 26, 2003 "Foundation Budget Cost estimate" prepared by Langan, and the March 5, 2004 "Phase II Environmental Site Assessment" prepared by Roux Associates in order to provide information to assist in future redevelopment scenarios.

The Supplemental Phase II ESA was designed to fill in data gaps by sampling locations that were not covered in the 1994 and 2004 investigations to evaluate soil quality across the Site and identify if the anomaly identified in the 2004 geophysical survey may indicate the presence of two underground storage tanks (USTs) approximately 40 feet east of the former vehicular service station on Block 2076 Lot 50. The Phase II ESA objectives were as follows:

- Determine whether USTs are still installed adjacent to the former service station; and
- Evaluate volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, polychlorinated biphenyl (PCB), pesticide, general chemistry, and Toxicity Characteristic Leachate Procedure (TCLP) metal concentrations in surficial fill at the Site.

To accomplish these objectives, the following tasks were performed:

- A total of eight soil borings were installed and sampled; and
- A test pit investigation was performed in the vicinity of a geophysical anomaly identified approximately 40 feet east of the former vehicular service station during the 2004 Phase II ESA.

The remainder of the report is organized into the following sections:

- Section 2.0: Background Information;
- Section 3.0: Phase II ESA Scope of Work;
- Section 4.0: Results of the Phase II ESA; and
- Section 5.0: Conclusions and Recommendations.

2.0 BACKGROUND INFORMATION

A description of the background information is provided below, which includes the Site setting, history, current use, and previous environmental investigation activities.

2.1 Site Description

The Site is located in the Rego Park section of Queens, New York (Figure 1). The Site is bordered to the north by Horace Harding Expressway, to the south and west by commercial properties and the New York City-owned Lost Battalion Park and to the east by Junction Boulevard (Figure 2). The property is currently utilized as a parking lot (tax block 2077, lot 98 and tax block 2076, lot 50) for the adjacent Rego Center Shopping Mall located just east of Junction Boulevard. Prior to its current use, tax block 2076 lot 50 and a portion of tax block 2077 lot 98 were formerly used for commercial truck parking and a vehicular service station. The remaining portion of tax block 2077 lot 98 was used for car parking.

2.2 Previous Environmental Investigations

The Evaluation of Existing Parking Lot Fill conducted by Langan in September 1994 included the installation and sampling of five soil borings on the Site as well as 66 borings on the former Alexander's property to the southeast (currently the Rego Center Shopping Mall). Total petroleum hydrocarbons (TPH) in excess of 1,000 parts per million (ppm) were found in all five borings on the Site. This concentration is a commonly used indicator of petroleum contamination but there is no New York State standard for TPH in soil. Toxicity Characteristic Leachate Procedure (TCLP) analyses were conducted for lead and lead was detected at concentrations above 5 milligrams per liter (mg/L) in soil from one boring on Site (P-67 [4-8 feet below land surface]). Soil with TCLP lead concentrations greater than 5 mg/L is considered hazardous and requires disposal at a higher unit rate than non-hazardous soil.

On the former Alexander's property immediately to the southeast, 148 soil samples were analyzed for TCLP lead from 66 borings and 24 samples or 16 percent were found to exceed 5 ppm. Over 40 percent of these samples exceeded 1,000 ppm of TPH. These results indicate widespread but random TPH and lead contamination in surficial fill material on the former Alexander's property.

A Phase I ESA completed by AKRF in May 2003 identified a former service station operation on the commercial truck parking lot portion of the Site as a potential area of concern. The report did not provide definitive information concerning whether USTs were still present at the Site. The Phase I identified truck maintenance activities as an additional source of potential contamination on this portion of the property.

A September 2003 report by Langan summarizing geotechnical borings at the truck parking area portion of the Site described strong hydrocarbon odors just above the water table in a number of borings, particularly those boreholes located near the former vehicular service station.

A Phase II ESA completed by Roux Associates in March 2004 included a geophysical investigation using ground penetrating radar (GPR), eight soil borings were installed and sampled, and groundwater samples were collected from two boreholes and three existing monitoring wells. The GPR survey identified two potential USTs approximately 40 feet east of the former service station as well as former conduits and underground utilities at the Site. One soil sample was collected from each borehole and analyzed for VOCs and TPH with no VOC detections above New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objectives (RSCOs) and no TPH concentrations greater than 1,000 ppm. Twenty-four soil samples were collected and analyzed from eight boreholes with four samples exceeding the 500 milligrams per kilogram (mg/kg) NYSDEC RSCO for lead. Two of the samples with lead concentrations above 700 mg/kg were analyzed for TCLP lead and one of these was found to exceed 5 mg/L, the threshold above which lead is considered to be hazardous. These results indicated that the historic fill is the apparent source of the scattered elevated lead concentrations based on the random distribution of the lead detections and the lack of any known specific point source. Groundwater sampling for VOCs from five wells and/or borings detected no VOCs at concentrations above the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). Groundwater sampling for lead in three wells detected elevated lead concentrations above the AWQSGV in two unfiltered samples; the filtered samples from these wells were below the AWQGSV. This indicates the lead is not dissolved or migrating in groundwater. The lead is the result of leaching from suspended fines (e.g., silt) in the turbid unfiltered samples.

In summary, groundwater contamination was not identified and lead soil contamination attributed to the random distribution of historic fill materials was identified in the 2004 Phase II ESA.

A summary of VOCs detected in soils from the March 2004 Phase II ESA is included in Table 1. Lead detected in soils from the March 2004 Phase II ESA is included in Table 3. TCLP lead detected in soils from the September 1994 Evaluation of Existing Parking Lot Fill and March 2004 Phase II ESA detected in soils is included in Table 6.

3.0 PHASE II ESA SCOPE OF WORK

The following section presents the Supplemental Phase II ESA scope of work conducted at the Site. The scope of work includes tasks presented in the December 20, 2011 Revised Proposal for Supplemental Phase II Environmental Site Assessment. The field scope of work included:

- Task 1: Test Pit Investigation For USTs; and
- Task 2: Installation and Sampling of Soil Borings.

A description of each field task conducted is presented below.

3.1 Task 1: Test Pit Investigation for USTs

A geophysical survey conducted during the March 2004 Phase II ESA identified an anomaly indicating the potential presence of two underground storage tanks (USTs) approximately 40 feet east of the former vehicular service station on block 2076 lot 50. On January 24, 2012 Metro Environmental, under the direction of Roux Associates, began test pitting activities using a backhoe in the vicinity of the former vehicular service station to evaluate this anomaly and to evaluate the former UST area just east of the anomaly to determine if the USTs and associated piping are still present.

Test pitting was begun approximately 40 feet east of the former vehicular service station at what was believed to be the northeast corner of the anomaly. The initial opening was one backhoe bucket wide (approximately 2 feet) and approximately 5 feet long. After the asphalt was removed and placed aside, excavation of the soil commenced. Water was observed running into the excavation from approximately 1 foot below land surface (bls) at the base of the gravel subgrade and miscellaneous debris consisting of auto parts, license plates, and oil filters was discovered. The test pitting was halted after only several buckets of material were removed. The perched water was filling up the excavation and dewatering would have been required to continue. PID readings ranged from 0.5 ppm-v (parts per million – volume) to 6.5 ppm-v and an odor was noted. There was no free product or sheen observed on the water in the excavation and therefore no spill notification was required. No samples were collected.

It is possible that there are no USTs in the geophysical anomaly area; rather the miscellaneous metallic debris caused the geophysical anomaly. However, this will need to be confirmed during additional test pitting/excavation activities.

The excavated material was used as temporary backfill and the area secured with reflective drums and caution tape. Metro Environmental returned two days later and removed the wet backfill material and containerized it for proper disposal. Crushed stone was placed in the excavation, compacted and an asphalt patch was placed over the top. Pending laboratory analysis the drums will be properly disposed of offsite.

The other scheduled test pitting around the former UST area was postponed due to the suspected perched water conditions in this area, as it is only approximately 20 feet east of the geophysical anomaly area. Without significant dewatering activities, nothing in the test pit below one foot depth would have been visible. The status of the former UST area will need to be evaluated during additional test pitting/excavation activities.

3.2 Task 2: Soil Boring and Sampling

A total of eight soil borings (RA-9 through RA-16) were sampled from land surface to the water table (see Figure 2). The depth to the water table ranges from 11 feet to 15 feet bls at the Site as observed from soil cores. Each soil boring location was pre-cleared for utilities down to 5 feet bls. At two of the pre-cleared locations, there was water infiltration at approximately 1 foot bls: RA-14, which was located on permeable soil, and RA-13, where water appeared to be infiltrating under the asphalt layer. The borings were advanced using the Geoprobe™ method. Soil samples were collected in five-foot increments using a drive-point macro-core sampling device, containing a disposable acetate liner. Soil samples shallower than 5 feet bls were collected from the respective two foot depth interval from the preserved pre-cleared soil cuttings. The macro-core sampler was driven to the desired depth and then retracted and the disposable liner removed. The liner was then cut open and the soils removed. Each sample was inspected for impacts (e.g., odors, staining, and separate-phase product). A portion of each sample was placed in a Ziploc™ bag and screened in the field for VOCs using a photoionization detector (PID). The lithology of each sample was described, and recorded in the field notebook.

One sample was collected from each soil boring location from the two-foot interval that exhibited the highest degree of impact or, if no visible impacts or PID readings were identified, from a depth interval containing non-native fill materials. Each sample was analyzed for NY State Part 375 List VOCs, SVOCs, metals, polychlorinated biphenyls (PCBs), pesticides, and TCLP metals. A summary of VOCs detected in soils is included in Table 1, SVOCs detected in soils is included in Table 2, metals detected in soils is included in Table 3, PCBs detected in soils is included in Table 4, pesticides detected in soils is included in Table 5, and TCLP metals detected in soils is included in Table 6. Laboratory data sheets for all soil samples are presented in Appendix A.

After the completion of each soil boring, the borings were backfilled with the soil cuttings and capped with asphalt patch.

In general, the soil borings were characterized by non-native fill material containing dark brown to gray fine to coarse sand and gravel with some silt, brick, glass, and wood fragments. Fill material was identified down to the bottom of all the soil borings (15 feet bls). There were no petroleum impacts identified in the soil borings and little to no VOCs identified via PID screening with concentrations ranging from 0.0 ppm to 45.2 ppm with exception to one depth interval (RA-14 12-13 feet bls) that contained chemically treated wood with a PID reading of 406 ppm. Therefore, all sample results are representative of the fill material. Soil boring logs are provided in Appendix B.

Groundwater was identified at 11 to 15 feet bls, consistent with the previous Phase II ESA conducted in 2004. Since no petroleum impacts were noted at the groundwater table and no groundwater impacts were noted in any of the soil borings, no groundwater samples were collected during the Supplemental Phase II ESA.

4.0 RESULTS OF THE SUPPLEMENTAL PHASE II ESA

The purpose of this section is to provide the results of the Supplemental Phase II ESA, including a discussion of the soil characterization and a comparison of the impacts identified during the Phase II ESA relative to the appropriate regulatory standards, criteria, and guidelines.

4.1 Soil Quality

A total of eight soil samples (one from each boring) were collected and submitted for laboratory analysis at the Site to evaluate metals (notably lead), VOCs, SVOCs, pesticides, PCBs, and TCLP metals. At each boring location, one soil sample was collected from the two-foot interval with the greatest visible impact or, if no visible impacts or PID readings were identified, from a depth interval containing non-native fill materials

4.1.1 VOCs in Soil

All eight soil samples showed detections of one or more VOCs, but no detection was above the NYSDEC Part 375 Restricted Commercial Soil Cleanup Objectives (SCOs). The VOCs identified at low level concentrations were generally petroleum related (i.e., benzene, toluene, xylenes), with the exception of two common laboratory contaminants, acetone and 2-butanone. Total VOC concentrations in soil at the Site range from 24 to 299.2 micrograms per kilogram (µg/kg).

4.1.2 SVOCs in Soil

Seven soil samples showed detections of one or more SVOCs, but no detections were above their NYSDEC Part 375 Restricted Commercial SCOs. The SVOCs detected were generally polycyclic aromatic hydrocarbons (PAHs) indicative of urban fill materials (i.e., benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[g,h,i]perylene, benzo[k]fluoranthene, fluoranthene, pyrene, phenanthrene, etc.) and not indicative of a petroleum spill.

4.1.3 Metals and TCLP Metals in Soil

All eight soil samples showed detections of one or more metal, with two exceedances of the NYSDEC Part 375 Restricted Commercial SCO for barium (400 mg/kg) at RA-9 (2,300 mg/kg) and RA-15 (967 mg/kg), one exceedance of the NYSDEC Part 375 Restricted Commercial SCO for copper (270 mg/kg) at RA-12 (388 mg/kg), and two exceedances of the NYSDEC Part 375

Restricted Commercial SCO for lead (1,000 mg/kg) at RA-9 (2,640 mg/kg) and RA-15 (1,720 mg/kg).

TCLP metals analyses were conducted on all eight samples. Two of the eight samples (RA-9 and RA-16) exceeded the USEPA Regulatory levels of 5 mg/L for lead, and therefore soils from these borings would require disposal as hazardous waste upon excavation.

Figure 3 presents the exceedances of NYSDEC Part 375 Restricted Commercial SCOs and USEPA Regulatory levels for all soil samples collected during the Supplemental Phase II ESA and from prior historic investigations.

There are no known past or present onsite sources of lead that are responsible for the scattered exceedances. The distribution of lead in soils at the Site is random and appears to be related to the historic fill materials found in the upper 15 feet across the Site. The appropriate regulatory response to these results is discussed in Section 5: Conclusions and Recommendations.

4.1.4 PCBs in Soil

Only one soil boring, RA-13, showed a detection for Aroclor-1260 of 140 micrograms per kilogram (µg/kg), which is well below the NYSDEC Part 375 Restricted Commercial SCO of 1,000 µg/kg for total PCBs. The remaining soil borings were undetected for all Aroclors.

4.1.5 Pesticides in Soil

Only one soil boring, RA-12, showed detections for one or more pesticides (4,4'-DDD, 4,4'-DDE, and 4,4'-DDT), but no detection was above the NYSDEC Part 375 Restricted Commercial SCO. The remaining soil borings were undetected for all pesticides.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions can be reached based on the results of the Supplemental Phase II ESA and the results of the previous investigations.

- The test pitting investigation identified metallic debris in the geophysical anomaly area but the search for suspected USTs in that location and in the former UST area was postponed due to perched water infiltration in the shallow excavation.

- Shallow perched water entered the test pit and soil borings RA-13 and RA-14 from an elevation approximately 1 ft below the asphalt parking lot. This perched water condition is not indicative of regional groundwater levels across the Site which were consistently identified at 11 to 15 feet bls in the eight soil borings.

- Groundwater contamination was not identified via field screening during the Supplemental Phase II ESA or in the previous March 2004 Phase II.

- Eight soil borings were installed and eight soil samples were collected, analyzed and compared to the NY State Part 375 List Restricted Commercial SCOs for VOCs, SVOCs, metals, PCBs, pesticides, and compared to the USEPA regulatory levels for TCLP metals. There were two exceedances of NYSDEC Part 375 Restricted Commercial SCOs for lead, two exceedances of NYSDEC Part 375 Restricted Commercial SCOs for barium, one exceedance of NYSDEC Part 375 Restricted Commercial SCOs for copper, and two exceedances of the USEPA Regulatory levels for TCLP lead.

- The TCLP lead exceedances noted at RA-9 and RA-16 were similar to previous investigation findings of exceedances at P-67, RA-7, and RA-8. The scattered locations of these TCLP lead exceedances are evident from the spatial distribution shown on Figure 3. In addition, the random and sporadic nature of the TCLP lead exceedances is evidenced by two samples, one of which failed TCLP (P-67) and the other, which did not (RA-15), located within 15 feet of each other.

- The historic fill that underlies the Site is the apparent source of the scattered elevated metals concentrations based on the random distribution of the lead detections and the lack of any known specific point sources.

5.2 Recommendations

The following recommendations are made based on the finding of the Supplemental Phase II investigation.

- During redevelopment of the site, soils that have been documented to exceed TCLP standards for lead must be excavated for offsite disposal as a hazardous waste. Handling, transportation, and disposal should be consistent with Resource Conservation and Recovery Act (RCRA) requirements.

- The known exceedances of the NY State Part 375 Restricted Commercial SCOs for metals can be addressed via hot spot excavation or capping in place and deed restriction with

NYSDEC or New York City Office of Environmental Remediation regulatory involvement.

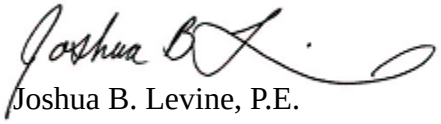
- The known metallic debris and assumed adjacent USTs from the former UST area must be excavated and properly disposed prior to or during construction excavation. This is likely to include post-excavation end point soil sampling and tank abandonment with NYSDEC involvement.

- An *in situ* waste characterization sampling program is necessary prior to commencing site excavation to assess potential soil disposal costs during site redevelopment. The scope and cost of the waste characterization sampling program will be dictated by the depth and lateral extent of the proposed redevelopment scenario. This is especially important given the known presence of hazardous waste on site and the premium associated with disposing hazardous material.

- The status of the tank areas will need to be evaluated during additional test pitting/ excavation activities with potential significant dewatering activities required to manage shallow perched water and obtain visual identification of possible USTs in the area.

Respectfully submitted,

ROUX ASSOCIATES, INC.



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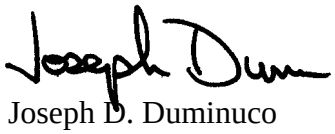

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6.0 REFERENCES

AKRF Environmental Planning Consultants. 2003. Phase I Environmental Site Assessment, Rego Park Expansion, Retail and Residential Center, Queens, New York.

Langan Engineering and Environmental Services, Inc. 1994. Evaluation of Existing Parking Lot Fill, Former Alexander's Store, 9605 Queens Boulevard, Queens, New York.

Langan Engineering and Environmental Services, Inc. 2003. Memorandum: Foundation Budget Cost Estimate, Rego Park Mall Z-Parcel, Queens, New York.

Roux Associates, Inc. 2004. Phase II Environmental Site Assessment, Tax Blocks 2076 and 2077, Rego Park, New York.

TABLES

1. Summary of Volatile Organic Compounds Detected in Soil, Rego Park Z Property New York, Supplemental Phase II ESA
2. Summary of Semivolatile Organic Compounds Detected in Soil, Rego Park Z Property, New York, Supplemental Phase II ESA
3. Summary of Metals Detected in Soil, Rego Park Z Property, New York, Supplemental Phase II ESA
4. Summary of Polychlorinated Biphenyls Detected in Soil, Rego Park Z Property, New York, Supplemental Phase II ESA
5. Summary of Pesticides Detected in Soil, Rego Park Z Property, New York, Supplemental Phase II ESA
6. Summary of Toxicity Characteristic Leachate Procedure Metals Detected in Soil, Rego Park Z Property, New York, Supplemental Phase II ESA

Table 1. Summary of Volatile Organic Compounds in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	RA-1	RA-2	RA-3	RA-4	RA-5	RA-6	RA-7	RA-8
		Sample Date:	01/13/04	01/13/04	01/13/04	01/12/04	01/12/04	01/13/04	01/12/04	01/12/04
		Sample Depth (ft bls):	6-8	4-6	2-4	10-12	4-6	8-10	10-12	10-12
1,1,1,2-Tetrachloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,1-Trichloroethane	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,2,2-Tetrachloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1,2-Trichloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1-Dichloroethane	240000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,1-Dichloroethene	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,1-Dichloropropene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,3-Trichlorobenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2,3-Trichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,4-Trichlorobenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,2,4-Trimethylbenzene	190000		6.1	27	2.3	1.1 U	0.94 J	150 E	1.2 U	1.1 U
1,2-Dibromo-3-chloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dibromoethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dichlorobenzene	500000		5.8 U	5.5 U	1.1 U	1.1 U	0.61 J	1.1 U	1.2 U	1.1 U
1,2-Dichloroethane	30000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,2-Dichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,3,5-Trimethylbenzene	190000		5.8 U	25	2.8	1.1 U	0.77 J	31 D	1.2 U	1.1 U
1,3-Dichlorobenzene	280000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,3-Dichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
1,4-Dichlorobenzene	130000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
1,4-Dioxane	130000		NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	500000		NA	NA	NA	NA	NA	NA	NA	NA
Acetone	500000		NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
2-Chlorotoluene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
4-Chlorotoluene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Benzene	44000		5.8 U	3.1 J	5.7	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromobenzene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromochloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Bromodichloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Bromoform	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Bromomethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Carbon tetrachloride	22000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Chlorobenzene	500000		5.8 U	5.5 U	1.1 U	1.1 U	2.7	1.1 U	1.2 U	1.1 U
Chloroethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Chloroform	350000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Chloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
cis-1,2-Dichloroethene	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
cis-1,3-Dichloropropene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-1 01/13/04 6-8	RA-2 01/13/04 4-6	RA-3 01/13/04 2-4	RA-4 01/12/04 10-12	RA-5 01/12/04 4-6	RA-6 01/13/04 8-10	RA-7 01/12/04 10-12	RA-8 01/12/04 10-12
Dibromochloromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Dibromomethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Dichlorodifluoromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Ethylbenzene	390000		5.8 U	7	1.2	1.1 U	1.2 U	1.1 J	1.2 U	1.1 U
Hexachlorobutadiene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Isopropylbenzene	--		5.8 U	32	5.5	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
m+p-Xylene	--		5.8 U	50	6.9	1.1 U	0.76 J	4.5 JD	1.3	1.1 U
Methylene chloride	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2	1.1 J	1.5	1.1 U
MTBE	500000		NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
n-Propylbenzene	500000		5.8 U	56	5.6	1.1 U	1.2 U	5.2 JD	1.2 U	1.1 U
Naphthalene	500000		5.8 U	89	2.6	1.1 U	1.1 J	390 E	1.2 U	8.5
o-Xylene	--		5.8 U	17	2.3	1.1 U	1.2 U	3.8	1.2 U	1.1 U
p-Isopropyltoluene	--		5.8 U	30	3.5	1.1 U	1.2 U	21 D	1.2 U	1.1 U
sec-Butylbenzene	500000		5.8 U	9.1	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Styrene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
tert-Butylbenzene	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Tetrachloroethene	150000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Toluene	500000		4.8 J	4.3 J	2.6	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
trans-1,2-Dichloroethene	500000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
trans-1,3-Dichloropropene	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Trichloroethene	200000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Trichlorofluoromethane	--		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U
Vinyl chloride	13000		5.8 U	5.5 U	1.1 U	1.1 U	1.2 U	5.6 U	1.2 U	1.1 U
Xylenes (total)	500000		5.8 U	67	9.2	1.1 U	0.76	8.3	1.3	1.1 U
Total VOCs:			10.9	349.5	41	0	8.08	607.7	2.8	8.5

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
D - Dilution
E - Exceeds calibration limits
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards
NA - Not analyzed for by laboratory

Table 1. Summary of Volatile Organic Compounds in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-9 1/26/2012 8-10	RA-10 1/25/2012 6-8	RA-11 1/25/2012 12-14	RA-12 1/24/2012 1-3	RA-13 1/26/2012 6-8	RA-14 1/25/2012 10-12	RA-15 1/25/2012 9-11	RA-16 1/26/2012 6-8
1,1,1,2-Tetrachloroethane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,1,2,2-Tetrachloroethane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	240000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,1-Dichloroethene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,1-Dichloropropene	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	190000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,2-Dibromo-3-chloropropane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,2-Dichloroethane	30000		1.4 U	1.2 U	1.5 U	0.96 U	1.3 U	1.1 U	1.3 U	1.2 U
1,2-Dichloropropane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	190000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,3-Dichlorobenzene	280000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,3-Dichloropropane	--		NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	130000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
1,4-Dioxane	130000		180 U	150 U	190 U	120 U	170 U	140 U	170 U	150 U
2-Butanone (MEK)	500000		14 U	12 U	71.5	9.6 U	85	11 U	44.9	23.2
Acetone	500000		45.8	30.3	204	99.7	208	24	178	89.8
2,2-Dichloropropane	--		NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	--		NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	--		NA	NA	NA	NA	NA	NA	NA	NA
Benzene	44000		0.88 J	1.2 U	1.5 U	0.83 J	1.7	1.1 U	1.3 U	1.2 U
Bromobenzene	--		NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	--		NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	22000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Chlorobenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Chloroethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	350000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Chloromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
cis-1,3-Dichloropropene	--		NA	NA	NA	NA	NA	NA	NA	NA

Table 1. Summary of Volatile Organic Compounds in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-9 1/26/2012 8-10	RA-10 1/25/2012 6-8	RA-11 1/25/2012 12-14	RA-12 1/24/2012 1-3	RA-13 1/26/2012 6-8	RA-14 1/25/2012 10-12	RA-15 1/25/2012 9-11	RA-16 1/26/2012 6-8
Dibromochloromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	390000		0.93 J	1.2 U	1.5 U	2.1	1.6	1.1 U	1.3 U	1 J
Hexachlorobutadiene	--		NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	--		NA	NA	NA	NA	NA	NA	NA	NA
m+p-Xylene	--		1.3 J	1.2 U	1.5 U	5.9	1.6	1.1 U	1.3 U	1.4
Methylene chloride	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
MTBE	500000		1.4 U	1.2 U	1.5 U	0.96 U	1.3 U	1.1 U	1.3 U	1.2 U
n-Butylbenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
n-Propylbenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Naphthalene	500000		NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	--		0.57 J	1.2 U	1.5 U	0.96 U	1.3 U	1.1 U	1.3 U	1.2 U
p-Isopropyltoluene	--		NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Styrene	--		NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Tetrachloroethene	150000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Toluene	500000		0.84 J	1.2 U	1.5 U	1	1.3	1.1 U	1.3 U	1.2 U
trans-1,2-Dichloroethene	500000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
trans-1,3-Dichloropropene	--		NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	200000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Trichlorofluoromethane	--		NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	13000		7.1 U	6 U	7.5 U	4.8 U	6.7 U	5.7 U	6.7 U	6.1 U
Xylenes (total)	500000		1.9	1.2 U	1.5 U	5.9	1.6	1.1 U	1.3 U	1.4
Total VOCs:			50.35	30.3	275.5	109.53	299.2	24	222.9	115.4

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
D - Dilution
E - Exceeds calibration limits
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards
NA - Not analyzed for by laboratory

Table 2. Summary of Semivolatile Organic Compounds in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	RA-9	RA-10	RA-11	RA-12	RA-13	RA-14	RA-15	RA-16
		Sample Date:	1/26/2012	1/25/2012	1/25/2012	1/24/2012	1/26/2012	1/25/2012	1/25/2012	1/26/2012
		Sample Depth (ft bls):	8-10	6-8	12-14	1-3	6-8	10-12	9-11	6-8
2-Methylphenol	500000		70 U	68 U	91 U	63 U	63 U	66 U	79 U	61 U
3&4-Methylphenol	--		70 U	68 U	91 U	63 U	63 U	66 U	79 U	61 U
Acenaphthene	500000		97.5	34 U	45 U	38.9	105	556	31.4 J	16.3 J
Acenaphthylene	500000		43.7	34 U	45 U	38.4	137	23.4 J	40 U	14.6 J
Anthracene	500000		275	23 J	45 U	99.5	294	676	103	40
Benzo[a]anthracene	5600		634	46.1	45 U	357	643	334	273	118
Benzo[a]pyrene	1000		572	43.6	45 U	334	687	224	259	131
Benzo[b]fluoranthene	5600		451	38.9	45 U	310	638	239	277	186
Benzo[g,h,i]perylene	500000		309	36.8	45 U	260	503	139	187	102
Benzo[k]fluoranthene	56000		344	34 U	45 U	343	416	126	130	90.5
Chrysene	56000		670	44.2	45 U	471	712	289	282	152
Dibenzo[a,h]anthracene	560		122	34 U	45 U	84.6	234	46.7	69.7	18.2 J
Dibenzofuran	350000		45.1 J	68 U	91 U	19.6 J	45.4 J	329	79 U	61 U
Fluoranthene	500000		1080	88.2	45 U	601	1610	1250	422	238
Fluorene	500000		116	34 U	45 U	30.5 J	120	618	34.9 J	17.1 J
Hexachlorobenzene	6000		70 U	68 U	91 U	63 U	63 U	66 U	79 U	61 U
Indeno[1,2,3-cd]pyrene	5600		288	28.2 J	45 U	217	418	123	169	109
Naphthalene	500000		26.7 J	34 U	45 U	24.3 J	75.8	158	22 J	16.1 J
Pentachlorophenol	6700		350 U	340 U	450 U	320 U	320 U	330 U	400 U	310 U
Phenanthrene	500000		1110	82.5	45 U	318	939	2010	270	138
Phenol	500000		70 U	68 U	91 U	63 U	63 U	66 U	79 U	61 U
Pyrene	500000		1150	137	45 U	616	1220	1150	570	202

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 3. Summary of Metals in Soil, Rego Park Z Property, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Commercial (mg/kg)	**Sample Designation:**	RA-1	RA-1	RA-1	RA-2	RA-2	RA-2	RA-3	RA-3
		Sample Date:	01/13/04	01/13/04	01/13/04	01/13/04	01/13/04	01/13/04	01/13/04	01/13/04
		Sample Depth (ft bls):	0-4	4-8	8-12	0-4	4-8	8-12	0-4	4-8
Arsenic	16		--	--	--	--	--	--	--	--
Barium	400		--	--	--	--	--	--	--	--
Beryllium	590		--	--	--	--	--	--	--	--
Cadmium	9.3		--	--	--	--	--	--	--	--
Chromium, Hexavalent	400		--	--	--	--	--	--	--	--
Chromium, Trivalent	1500		--	--	--	--	--	--	--	--
Chromium	1500		--	--	--	--	--	--	--	--
Copper	270		--	--	--	--	--	--	--	--
Cyanide, Free	27		--	--	--	--	--	--	--	--
Lead	1000		129	30.4	4.1	224	7.2	292	221	33.4
Manganese	10000		--	--	--	--	--	--	--	--
Mercury	2.8		--	--	--	--	--	--	--	--
Nickel	310		--	--	--	--	--	--	--	--
Selenium	1500		--	--	--	--	--	--	--	--
Silver	1500		--	--	--	--	--	--	--	--
Zinc	10000		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 3. Summary of Metals in Soil, Rego Park Z Property, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Commercial (mg/kg)	**Sample Designation:**	RA-3	RA-4	RA-4	RA-4	RA-5	RA-5	RA-5	RA-6
		Sample Date:	01/13/04	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04	01/13/04
		Sample Depth (ft bls):	8-12	0-4	4-8	8-12	0-4	4-8	8-12	0-4
Arsenic	16		--	--	--	--	--	--	--	--
Barium	400		--	--	--	--	--	--	--	--
Beryllium	590		--	--	--	--	--	--	--	--
Cadmium	9.3		--	--	--	--	--	--	--	--
Chromium, Hexavalent	400		--	--	--	--	--	--	--	--
Chromium, Trivalent	1500		--	--	--	--	--	--	--	--
Chromium	1500		--	--	--	--	--	--	--	--
Copper	270		--	--	--	--	--	--	--	--
Cyanide, Free	27		--	--	--	--	--	--	--	--
Lead	1000		61.5	236	208	163	182	75.1	29.7	191
Manganese	10000		--	--	--	--	--	--	--	--
Mercury	2.8		--	--	--	--	--	--	--	--
Nickel	310		--	--	--	--	--	--	--	--
Selenium	1500		--	--	--	--	--	--	--	--
Silver	1500		--	--	--	--	--	--	--	--
Zinc	10000		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 3. Summary of Metals in Soil, Rego Park Z Property, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Commercial (mg/kg)	**Sample Designation:**	RA-6	RA-6	RA-7	RA-7	RA-7	RA-8	RA-8	RA-8
		Sample Date:	01/13/04	01/13/04	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04
		Sample Depth (ft bls):	4-8	8-12	0-4	4-8	8-12	0-4	4-8	8-12
Arsenic	16		--	--	--	--	--	--	--	--
Barium	400		--	--	--	--	--	--	--	--
Beryllium	590		--	--	--	--	--	--	--	--
Cadmium	9.3		--	--	--	--	--	--	--	--
Chromium, Hexavalent	400		--	--	--	--	--	--	--	--
Chromium, Trivalent	1500		--	--	--	--	--	--	--	--
Chromium	1500		--	--	--	--	--	--	--	--
Copper	270		--	--	--	--	--	--	--	--
Cyanide, Free	27		--	--	--	--	--	--	--	--
Lead	1000		85.4	34.7	719	197	522	**1170**	19.3	612
Manganese	10000		--	--	--	--	--	--	--	--
Mercury	2.8		--	--	--	--	--	--	--	--
Nickel	310		--	--	--	--	--	--	--	--
Selenium	1500		--	--	--	--	--	--	--	--
Silver	1500		--	--	--	--	--	--	--	--
Zinc	10000		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 3. Summary of Metals in Soil, Rego Park Z Property, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Commercial (mg/kg)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-9 1/26/2012 8-10	RA-10 1/25/2012 6-8	RA-11 1/25/2012 12-14	RA-12 1/24/2012 1-3	RA-13 1/26/2012 6-8	RA-14 1/25/2012 10-12	RA-15 1/25/2012 9-11	RA-16 1/26/2012 6-8
Arsenic	16		10.1	11.6	9.7	10	8	2.4 U	15.1	2.9
Barium	400		**2300**	75.3	310	334	120	49.5	**967**	107
Beryllium	590		0.42	0.33	0.59	0.49	0.28	0.41	0.7	0.35
Cadmium	9.3		1.7	0.62 U	0.82 U	0.91	1.4	0.59 U	2.9	0.54 U
Chromium, Hexavalent	400		0.49 U	0.48 U	0.64 U	0.45 U	0.45 U	0.46 U	0.57 U	0.43 U
Chromium, Trivalent	1500		35.1	12.5	9.4	16.8	12.5	16.8	38.2	17
Chromium	1500		35.6	13	10	17.2	12.9	17.4	38.2	19.2
Copper	270		140	32.6	58.9	**388**	68.2	20.7	246	34.5
Cyanide, Free	27		0.28 U	0.27 U	0.39	0.27 U	0.25 U	0.28 U	0.33 U	0.24 U
Lead	1000		**2640**	86.7	572	837	458	34.6	**1720**	116
Manganese	10000		450	128	121	221	185	180	476	256
Mercury	2.8		0.45	0.097	0.83	0.33	0.24	0.061	0.33	0.076
Nickel	310		21.8	10.5	13	20.8	11.8	11.9	49.1	16.6
Selenium	1500		2.6 U	2.5 U	3.3 U	2.2 U	2.2 U	2.4 U	2.9 U	2.2 U
Silver	1500		1.7	0.62 U	0.82 U	0.66	0.55	0.59 U	0.79	0.54 U
Zinc	10000		1540	210	137	392	296	44.1	1930	188

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	RA-9	RA-10	RA-11	RA-12	RA-13	RA-14	RA-15	RA-16
		Sample Date:	1/26/2012	1/25/2012	1/25/2012	1/24/2012	1/26/2012	1/25/2012	1/25/2012	1/26/2012
		Sample Depth (ft bls):	8-10	6-8	12-14	1-3	6-8	10-12	9-11	6-8
Aroclor-1016	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1221	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1232	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1242	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1248	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1254	--		36 U	35 U	47 U	33 U	33 U	33 U	40 U	31 U
Aroclor-1260	--		36 U	35 U	47 U	33 U	140	33 U	40 U	31 U
Total PCBs	1000		0	0	0	0	140	0	0	0

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards
PCBs- Polychlorinated Biphenyls

Table 5. Summary of Pesticides in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	RA-9	RA-10	RA-11	RA-12	RA-13	RA-14	RA-15	RA-16
		Sample Date:	1/26/2012	1/25/2012	1/25/2012	1/24/2012	1/26/2012	1/25/2012	1/25/2012	1/26/2012
		Sample Depth (ft bls):	8-10	6-8	12-14	1-3	6-8	10-12	9-11	6-8
2,4,5-TP	500000		3.5 U	3.4 U	4.6 U	3.2 U	3.2 U	3.3 U	4 U	3.1 U
4,4'-DDD	92000		0.72 U	0.7 U	0.93 U	9.9	0.66 U	0.66 U	0.81 U	0.62 U
4,4'-DDE	62000		0.72 U	0.7 U	0.93 U	5.3	0.66 U	0.66 U	0.81 U	0.62 U
4,4'-DDT	47000		0.72 U	0.7 U	0.93 U	1.9	0.66 U	0.66 U	0.81 U	0.62 U
Aldrin	680		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
alpha-BHC	3400		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
alpha-Chlordane	24000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
beta-BHC	3000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
delta-BHC	500000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Dieldrin	1400		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Endosulfan I	200000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Endosulfan II	200000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Endosulfan sulfate	200000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Endrin	89000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
gamma-BHC (Lindane)	9200		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U
Heptachlor	15000		0.72 U	0.7 U	0.93 U	0.67 U	0.66 U	0.66 U	0.81 U	0.62 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	P-67 08/02/94 0-4	P-67 08/02/94 4-8	P-67 08/02/94 8-12	P-68 08/02/94 0-4	P-68 08/02/94 4-8	P-68 08/02/94 8-12	P-69 08/02/94 0-4	P-69 08/02/94 4-8
Arsenic	5		--	--	--	--	--	--	--	--
Barium	100		--	--	--	--	--	--	--	--
Cadmium	1		--	--	--	--	--	--	--	--
Chromium	5		--	--	--	--	--	--	--	--
Lead	5		0.95	**9.4**	2.0	2.6	0.45	0.10	1.3	0.40
Mercury	0.2		--	--	--	--	--	--	--	--
Selenium	1		--	--	--	--	--	--	--	--
Silver	5		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	P-69 08/02/94 8-12	P-70 08/02/94 0-4	P-70 08/02/94 4-8	P-70 08/02/94 8-12	P-71 08/02/94 0-4	P-71 08/02/94 4-8	P-71 08/02/94 8-12	RA-1 01/13/04 0-4
Arsenic	5		--	--	--	--	--	--	--	--
Barium	100		--	--	--	--	--	--	--	--
Cadmium	1		--	--	--	--	--	--	--	--
Chromium	5		--	--	--	--	--	--	--	--
Lead	5		1.3	0.47	0.80	0.30	0.50	0.75	1.5	NA
Mercury	0.2		--	--	--	--	--	--	--	--
Selenium	1		--	--	--	--	--	--	--	--
Silver	5		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-1 01/13/04 4-8	RA-1 01/13/04 8-12	RA-2 01/13/04 0-4	RA-2 01/13/04 4-8	RA-2 01/13/04 8-12	RA-3 01/13/04 0-4	RA-3 01/13/04 4-8	RA-3 01/13/04 8-12
Arsenic	5		--	--	--	--	--	--	--	--
Barium	100		--	--	--	--	--	--	--	--
Cadmium	1		--	--	--	--	--	--	--	--
Chromium	5		--	--	--	--	--	--	--	--
Lead	5		NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2		--	--	--	--	--	--	--	--
Selenium	1		--	--	--	--	--	--	--	--
Silver	5		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:**	RA-4	RA-4	RA-4	RA-5	RA-5	RA-5	RA-6	RA-6
		Sample Date:	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04	01/12/04	01/13/04	01/13/04
		Sample Depth (ft bls):	0-4	4-8	8-12	0-4	4-8	8-12	0-4	4-8
Arsenic	5		--	--	--	--	--	--	--	--
Barium	100		--	--	--	--	--	--	--	--
Cadmium	1		--	--	--	--	--	--	--	--
Chromium	5		--	--	--	--	--	--	--	--
Lead	5		NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.2		--	--	--	--	--	--	--	--
Selenium	1		--	--	--	--	--	--	--	--
Silver	5		--	--	--	--	--	--	--	--

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-6 01/13/04 8-12	RA-7 01/12/04 0-4	RA-7 01/12/04 4-8	RA-7 01/12/04 8-12	RA-8 01/12/04 0-4	RA-8 01/12/04 4-8	RA-8 01/12/04 8-12	RA-9 1/26/2012 8-10
Arsenic	5		--	--	--	--	--	--	--	0.5 U
Barium	100		--	--	--	--	--	--	--	5.7
Cadmium	1		--	--	--	--	--	--	--	0.034
Chromium	5		--	--	--	--	--	--	--	0.02 U
Lead	5		NA	**914**	NA	NA	**17.4**	NA	NA	**32.7**
Mercury	0.2		--	--	--	--	--	--	--	0.0002 U
Selenium	1		--	--	--	--	--	--	--	0.5 U
Silver	5		--	--	--	--	--	--	--	0.01 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

Table 6. Summary of Toxicity Characteristic Leachate Procedure Metals in Soil, Supplemental Phase II ESA, Vornado Realty Trust, Rego Park, New York

Parameter (Concentrations in mg/L)	USEPA Regulatory Levels (mg/L)	**Sample Designation:** / **Sample Date:** / **Sample Depth (ft bls):**	RA-10 1/25/2012 6-8	RA-11 1/25/2012 12-14	RA-12 1/24/2012 1-3	RA-13 1/26/2012 6-8	RA-14 1/25/2012 10-12	RA-15 1/25/2012 9-11	RA-16 1/26/2012 6-8
Arsenic	5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium	100		1 U	2	1.1	1 U	1 U	3.5	1 U
Cadmium	1		0.005 U	0.005 U	0.011	0.026	0.005 U	0.02	0.005 U
Chromium	5		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	5		0.5 U	0.5 U	0.63	2.5	0.5 U	2.4	**29**
Mercury	0.2		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Selenium	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5		0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/L - Milligrams per liter
USEPA - United States Environmental Protection Agency
TCLP - Toxicity Characteristic Leaching Procedure
USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
NA - Not Analyzed

FIGURES

1. Site Location Map
2. Supplemental Phase II Site Plan
3. Supplemental Phase II Exceedances of Soil Standards



QUADRANGLE LOCATION



N

SOURCE:
USGS; 1995, Mount Vernon, New York
7.5 Minute Topographic Quadrangle

Title:

SITE LOCATION MAP

REGO Z PARCEL

Prepared for:

ALEXANDERS OF REGO PARK III, INC.

ROUX

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: S.S.	Date: 05MAR12	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	1
Project Mgr.: C.W.	Project No.: 0987.0003Y000	
File: 0987.0016Y103.01.CDR		

V:\CAD\PROJECTS\0987\Y\0016Y\103\0987.0016Y103.01.CDR

high lead, TPH

high TPH, haz lead

high TPH

high lead

prev. investigation, haz lead

haz lead

LEGEND

RA–9 — LOCATION AND DESIGNATION OF 2012 PHASE II SOIL BORING

B–5 — LOCATION AND DESIGNATION OF MONITORING WELL

RA–1 — LOCATION AND DESIGNATION OF ROUX ASSOCIATES, INC. 2004 PHASE II SOIL BORING (APPROXIMATE LOCATION)

P–67 — LOCATION AND DESIGNATION OF PREVIOUS LANGAN 1994 SOIL BORING

REGO Z PROPERTY SITE LIMITS

ASPH.....ASPHALT
BK.....BRICK
BSMT.....BASEMENT
CC.....CURB CUT
CCR.....CONCRETE CURB ROUND
CD.....CELLAR DOOR
CLF.....CHAIN LINK FENCE
CO.....CATCH BASIN CLEAN OUT
CONC.....CONCRETE
CRF.....CHAIN ROPE FENCE
CWA.....CELLAR WINDOW AREA
DR.....DRAIN
EL.....ELEVATION
FAB.....FIRE ALARM BOX
FC.....FILL CAP
FL EL.....FLOOR ELEVATION
GP.....GUARD POLE
GV.....GAS VALVE
IF.....IRON FENCE
INL.....CATCH BASIN INLET ELEVATION
INV.....SEWER INVERT ELEVATION
.....LIGHT POLE
MB.....MAIL BOX
MHU.....UNKNOWN MANHOLE
OF.....OIL FILL
OHW.....OVERHEAD WIRES
P.....POLE
PAVT.....PAVEMENT
PM.....PARKING METER
PMULT.....POLE, MULTIPLE USAGE

PR.....PEDESTRIAN RAMP
RET.....RETAINING
RIM.....RIM ELEVATION SEWER MANHOLE
SFCR....STEEL FACED CURB ROUND
STY.....STORY
TB.....TOP OF BANK ELEVATION
.....TRAFFIC LIGHT
TEL.....TELEPHONE
TP.....TREE PIT
.....TRAFFIC SIGN
TW.....ELEVATION AT TOP OF WALL
UP.....UTILITY POLE
VU.....VALVE UNKNOWN
VLTU.....VAULT UNKNOWN
VP.....VENT PIPE
WV.....WATER VALVE
12"G.....GAS MAIN WITH SIZE
12"S.....SEWER MAIN WITH SIZE
12"W.....WATER MAIN WITH SIZE
.....CATCH BASIN
E .....ELECTRIC MANHOLE / VAULT
F .....FIRE MANHOLE
G .....GAS MANHOLE
S .....SEWER MANHOLE
T .....TELEPHONE MANHOLE
W .....WATER MANHOLE
TR .....TRAFFIC VAULT
.....HYDRANT
T8.....TREE WITH SIZE
17.0 ....ESTABLISHED GRADE

80' 0 80'

SOURCE FILE PREPARED BY MONTROSE SURVEYING CO., LLP DATED 08–20–07.

Title:

SUPPLEMENTAL PHASE II SITE PLAN

REGO Z PARCEL

Prepared For:
ALEXANDERS OF REGO PARK III, INC.

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: E.L.	Date: 05MAR12	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	2
Project Mgr: J.L.	Project: 0987.0016Y000	
File: 0987.0016Y103.02.DWG		

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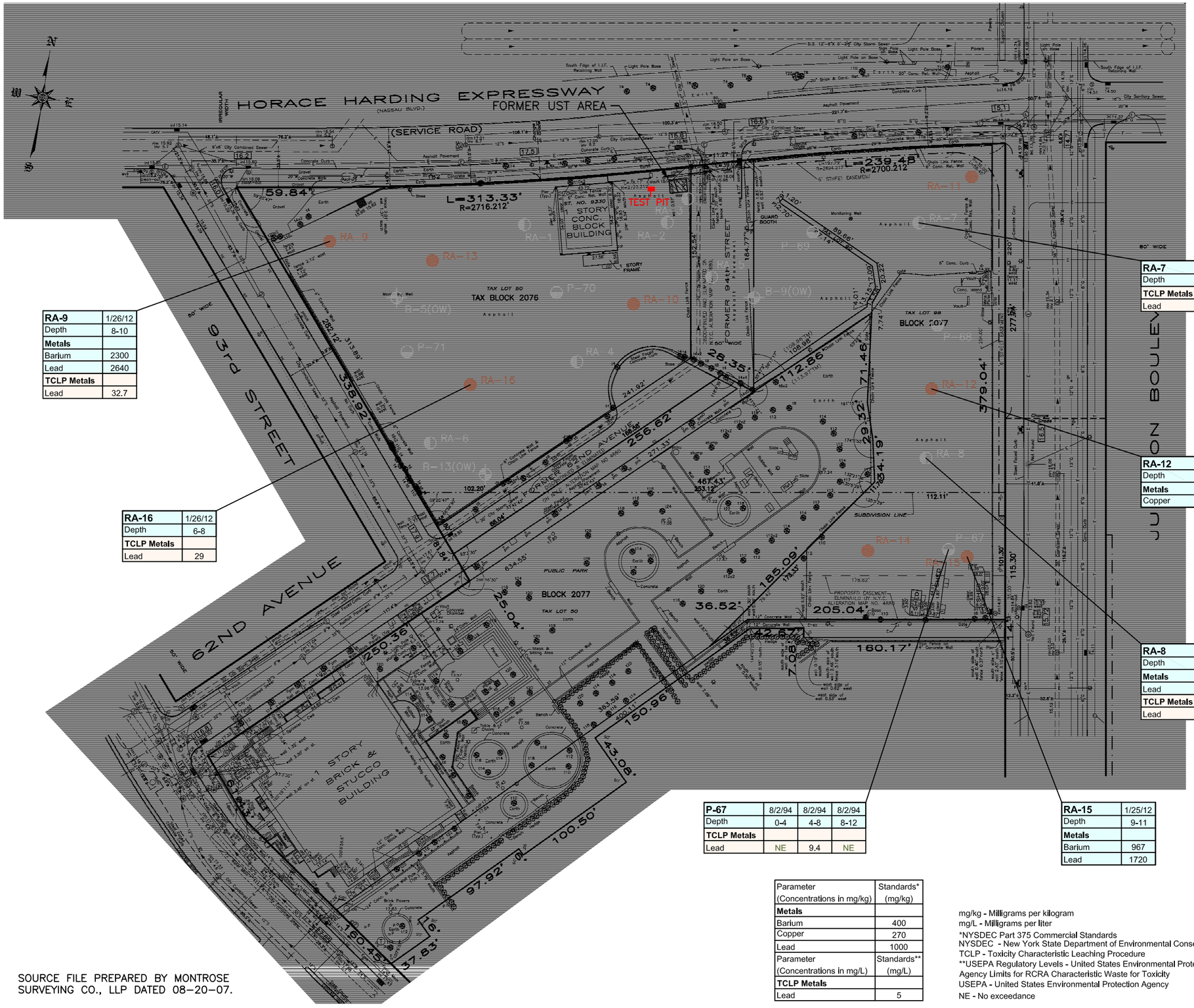

RA-9	1/26/12
Depth	8-10
Metals	
Barium	2300
Lead	2640
TCLP Metals	
Lead	32.7

RA-16	1/26/12
Depth	6-8
TCLP Metals	
Lead	29

RA-7	1/12/04
Depth	0-4
TCLP Metals	
Lead	914

RA-12	1/24/12
Depth	1-3
Metals	
Copper	388

RA-8	1/12/04
Depth	0-4
Metals	
Lead	1170
TCLP Metals	
Lead	17.4

P-67	8/2/94	8/2/94	8/2/94
Depth	0-4	4-8	8-12
TCLP Metals			
Lead	NE	9.4	NE

RA-15	1/25/12
Depth	9-11
Metals	
Barium	967
Lead	1720

LEGEND

- RA–9 — LOCATION AND DESIGNATION OF 2012 PHASE II SOIL BORING
- B–5 — LOCATION AND DESIGNATION OF MONITORING WELL
- RA–1 — LOCATION AND DESIGNATION OF ROUX ASSOCIATES, INC. 2004 PHASE II SOIL BORING (APPROXIMATE LOCATION)
- P–67 — LOCATION AND DESIGNATION OF PREVIOUS LANGAN 1994 SOIL BORING

ASPH.....ASPHALT
BK.....BRICK
BSMT.....BASEMENT
CC.....CURB CUT
CCR.....CONCRETE CURB ROUND
CD.....CELLAR DOOR
CLF.....CHAIN LINK FENCE
CO.....CATCH BASIN CLEAN OUT
CONC.....CONCRETE
CRF.....CHAIN ROPE FENCE
CWA.....CELLAR WINDOW AREA
DR.....DRAIN
EL.....ELEVATION
FAB.....FIRE ALARM BOX
FC.....FILL CAP
FL EL.....FLOOR ELEVATION
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.....LIGHT POLE
MB.....MAIL BOX
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OF.....OIL FILL
OHW.....OVERHEAD WIRES
P.....POLE
PAVT.....PAVEMENT
PM.....PARKING METER
PMULT.....POLE, MULTIPLE USAGE
PR.....PEDESTRIAN RAMP
RET.....RETAINING
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SFCR....STEEL FACED CURB ROUND
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.....TRAFFIC LIGHT
TEL.....TELEPHONE
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.....TRAFFIC SIGN
TW.....ELEVATION AT TOP OF WALL
UP.....UTILITY POLE
VU.....VALVE UNKNOWN
VLTU.....VAULT UNKNOWN
VP.....VENT PIPE
WV.....WATER VALVE
12"G.....GAS MAIN WITH SIZE
12"S.....SEWER MAIN WITH SIZE
12"W.....WATER MAIN WITH SIZE
.....CATCH BASIN
E .....ELECTRIC MANHOLE / VAULT
F .....FIRE MANHOLE
G .....GAS MANHOLE
S .....SEWER MANHOLE
T .....TELEPHONE MANHOLE
W .....WATER MANHOLE
TR .....TRAFFIC VAULT
.....HYDRANT
TB.....TREE WITH SIZE
17.0 ...ESTABLISHED GRADE

80' 0 80'

Parameter (Concentrations in mg/kg)	Standards* (mg/kg)
Metals	
Barium	400
Copper	270
Lead	1000
Parameter (Concentrations in mg/L)	Standards** (mg/L)
TCLP Metals	
Lead	5

mg/kg - Milligrams per kilogram
mg/L - Milligrams per liter
*NYSDEC Part 375 Commercial Standards
NYSDEC - New York State Department of Environmental Conservation
TCLP - Toxicity Characteristic Leaching Procedure
**USEPA Regulatory Levels - United States Environmental Protection Agency Limits for RCRA Characteristic Waste for Toxicity
USEPA - United States Environmental Protection Agency
NE - No exceedance

SOURCE FILE PREPARED BY MONTROSE SURVEYING CO., LLP DATED 08–20–07.

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Title:

SUPPLEMENTAL PHASE II EXCEEDANCES OF SOIL STANDARDS

REGO Z PARCEL

Prepared For:
ALEXANDERS OF REGO PARK III, INC.

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: E.L.	Date: 05MAR12	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	3
Project Mgr: J.L.	Project: 0987.0016Y000	
File: 0987.0016Y103.02.DWG		

APPENDICES

A. Laboratory Data Sheets

B. Soil Boring Logs

APPENDIX A

Laboratory Data Sheets

New Jersey ACCUTEST LABORATORIES

03/05/12



Technical Report for

Roux Associates

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

0987.0016Y000

Accutest Job Number: JA97858

Sampling Dates: 01/24/12 - 01/25/12

Report to:

Roux Associates

jlevine@rouxinc.com

ATTN: Josh Levine

Total number of pages in report: **56**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

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Test results relate only to samples analyzed.

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Sample Summary

Roux Associates

Job No: JA97858

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY
Project No: 0987.0016Y000

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA97858-2	01/24/12	09:15	EL	01/25/12	SO	Soil	RA-12(1-3)
JA97858-2A	01/24/12	09:15	EL	01/25/12	SO	Soil	RA-12(1-3)
JA97858-5	01/25/12	11:45	EL	01/25/12	SO	Soil	RA-11(12-14)
JA97858-5A	01/25/12	11:45	EL	01/25/12	SO	Soil	RA-11(12-14)
JA97858-6	01/25/12	13:00	EL	01/25/12	SO	Soil	RA-10(6-8)
JA97858-6A	01/25/12	13:00	EL	01/25/12	SO	Soil	RA-10(6-8)
JA97858-7	01/25/12	14:20	EL	01/25/12	SO	Soil	RA-14(10-12)
JA97858-7A	01/25/12	14:20	EL	01/25/12	SO	Soil	RA-14(10-12)
JA97858-8	01/25/12	15:00	EL	01/25/12	SO	Soil	RA-15(9-11)
JA97858-8A	01/25/12	15:00	EL	01/25/12	SO	Soil	RA-15(9-11)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Roux Associates	**Job No**	JA97858
Site:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway,	**Report Date**	2/10/2012 11:13:49 A

On 01/25/2012, 5 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JA97858 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG6786

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA97858-2MS, JA97858-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270D

Matrix: SO **Batch ID:** OP54485

- All samples were extracted within the recommended method holding time.
- Sample(s) JA97859-1MS, JA97859-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8081B

Matrix: SO **Batch ID:** OP54482

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97859-1MS, JA97859-1MSD were used as the QC samples indicated.
- JA97858-2 for 4,4'-DDT: More than 40 % RPD for detected concentrations between the two GC columns.
- JA97858-2 for 4,4'-DDE: More than 40 % RPD for detected concentrations between the two GC columns.

Extractables by GC By Method SW846 8082A

Matrix: SO **Batch ID:** OP54481

- All samples were extracted within the recommended method holding time.
- Sample(s) JA97895-1MS, JA97895-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8151

Matrix: SO **Batch ID:** OP54487

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97858-2MS, JA97858-2MSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix: LEACHATE **Batch ID:** MP62494

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97626-1MS, JA97626-1MSD, JA97626-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Arsenic, Lead, Selenium are outside control limits for sample MP62494-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP62494-SD1 for Chromium: Serial dilution indicates possible matrix interference.

Matrix: LEACHATE **Batch ID:** MP62549

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98195-15MS, JA98195-15MSD, JA98195-15SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Selenium are outside control limits for sample MP62549-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO **Batch ID:** MP62535

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98204-1MS, JA98204-1MSD, JA98204-1SDL were used as the QC samples for metals.
- Matrix Spike Duplicate Recovery(s) for Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- RPD(s) for MS/MSD for Manganese are outside control limits for sample MP62535-S2. High rpd due to possible sample nonhomogeneity.
- RPD(s) for Serial Dilution for Cadmium, Silver are outside control limits for sample MP62535-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: LEACHATE **Batch ID:** MP62490

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97626-1MS, JA97626-1MSD were used as the QC samples for metals.

Matrix: LEACHATE **Batch ID:** MP62542

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98195-15MS, JA98195-15MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP62565

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97858-2MSD, JA97858-2MS were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Mercury are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Wet Chemistry By Method ASTM D1498-76M

Matrix: SO **Batch ID:** GN61401

- Sample(s) JA97861-7DUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SM18 2540G

Matrix: SO **Batch ID:** GN61347

- The data for SM18 2540G meets quality control requirements.

Matrix: SO **Batch ID:** GN61423

- The data for SM18 2540G meets quality control requirements.

Wet Chemistry By Method SW846 3060A/7196A

Matrix: SO **Batch ID:** GP62892

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98069-2DUP, JA98069-2MS were used as the QC samples for Chromium, Hexavalent.
- Matrix Spike Recovery(s) for Chromium, Hexavalent are outside control limits. Soluble XCR matrix spike recovery indicates possible matrix interference. Low post spike recovery (71.3%) on this sample.Good pH adjusted post spike (93.1%). Good agreement between the sample and 1:5 dilution.
- GP62892-S2 for Chromium, Hexavalent: Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.

Wet Chemistry By Method SW846 6010/7196A M

Matrix: SO **Batch ID:** R106909

- The data for SW846 6010/7196A M meets quality control requirements.
- JA97858-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R106910

- The data for SW846 6010/7196A M meets quality control requirements.
- JA97858-5 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R106911

- The data for SW846 6010/7196A M meets quality control requirements.
- JA97858-6 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R106912

- The data for SW846 6010/7196A M meets quality control requirements.
- JA97858-7 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix: SO **Batch ID:** R106913

- The data for SW846 6010/7196A M meets quality control requirements.
- JA97858-8 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Wet Chemistry By Method SW846 9012 M/LACHAT

Matrix: SO **Batch ID:** GP62797

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA97858-2DUP, JA97858-2MS were used as the QC samples for Cyanide.

Wet Chemistry By Method SW846 9045C,D

Matrix: SO **Batch ID:** GN61400

- Sample(s) JA97861-7DUP were used as the QC samples for pH.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	RA-12(1-3)		
Lab Sample ID:	JA97858-2	**Date Sampled:**	01/24/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	88.3
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145530.D	1	01/28/12	SJM	n/a	n/a	VG6786
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	99.7	9.6	6.4	ug/kg	
71-43-2	Benzene	0.83	0.96	0.13	ug/kg	J
78-93-3	2-Butanone (MEK)	ND	9.6	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	0.23	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	0.15	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.8	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.8	0.33	ug/kg	
108-90-7	Chlorobenzene	ND	4.8	0.31	ug/kg	
67-66-3	Chloroform	ND	4.8	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.16	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.8	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.8	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.8	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.8	0.41	ug/kg	
123-91-1	1,4-Dioxane	ND	120	56	ug/kg	
100-41-4	Ethylbenzene	2.1	0.96	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.17	ug/kg	
75-09-2	Methylene chloride	ND	4.8	0.22	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	0.33	ug/kg	
127-18-4	Tetrachloroethene	ND	4.8	0.18	ug/kg	
108-88-3	Toluene	1.0	0.96	0.36	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.8	0.23	ug/kg	
79-01-6	Trichloroethene	ND	4.8	0.24	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	0.12	ug/kg	
75-01-4	Vinyl chloride	ND	4.8	0.44	ug/kg	
	m,p-Xylene	5.9	0.96	0.30	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.18	ug/kg	
1330-20-7	Xylene (total)	5.9	0.96	0.18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-12(1-3)		
Lab Sample ID:	JA97858-2	**Date Sampled:**	01/24/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	88.3
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		67-131%
17060-07-0	1,2-Dichloroethane-D4	83%		66-130%
2037-26-5	Toluene-D8	95%		76-125%
460-00-4	4-Bromofluorobenzene	101%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-12(1-3)
Lab Sample ID: JA97858-2 **Date Sampled:** 01/24/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 88.3
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M84638.D	1	02/03/12	OYA	01/27/12	OP54485	EM3378
Run #2							

	Initial Weight	Final Volume
Run #1	35.7 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	63	36	ug/kg	
	3&4-Methylphenol	ND	63	40	ug/kg	
87-86-5	Pentachlorophenol	ND	320	54	ug/kg	
108-95-2	Phenol	ND	63	33	ug/kg	
83-32-9	Acenaphthene	38.9	32	9.2	ug/kg	
208-96-8	Acenaphthylene	38.4	32	10	ug/kg	
120-12-7	Anthracene	99.5	32	11	ug/kg	
56-55-3	Benzo(a)anthracene	357	32	10	ug/kg	
50-32-8	Benzo(a)pyrene	334	32	9.7	ug/kg	
205-99-2	Benzo(b)fluoranthene	310	32	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	260	32	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	343	32	12	ug/kg	
218-01-9	Chrysene	471	32	11	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	84.6	32	11	ug/kg	
132-64-9	Dibenzofuran	19.6	63	9.4	ug/kg	J
206-44-0	Fluoranthene	601	32	14	ug/kg	
86-73-7	Fluorene	30.5	32	10	ug/kg	J
118-74-1	Hexachlorobenzene	ND	63	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	217	32	11	ug/kg	
91-20-3	Naphthalene	24.3	32	8.7	ug/kg	J
85-01-8	Phenanthrene	318	32	14	ug/kg	
129-00-0	Pyrene	616	32	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		21-116%
4165-62-2	Phenol-d5	71%		19-117%
118-79-6	2,4,6-Tribromophenol	97%		24-136%
4165-60-0	Nitrobenzene-d5	104%		21-122%
321-60-8	2-Fluorobiphenyl	97%		30-117%
1718-51-0	Terphenyl-d14	70%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-12(1-3)
Lab Sample ID: JA97858-2 **Date Sampled:** 01/24/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 88.3
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107400.D	1	02/08/12	VDT	01/27/12	OP54487	GWW3784
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.2	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	98%		13-146%
19719-28-9	2,4-DCAA	86%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-12(1-3)		
Lab Sample ID:	JA97858-2	**Date Sampled:**	01/24/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	88.3
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G71106.D	1	02/01/12	DS	01/27/12	OP54482	G1G2562
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.50	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.47	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.39	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.67	0.30	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.43	ug/kg	
60-57-1	Dieldrin	ND	0.67	0.52	ug/kg	
72-54-8	4,4'-DDD	9.9	0.67	0.34	ug/kg	
72-55-9	4,4'-DDE [a]	5.3	0.67	0.39	ug/kg	
50-29-3	4,4'-DDT [a]	1.9	0.67	0.49	ug/kg	
72-20-8	Endrin	ND	0.67	0.34	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.32	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		23-137%
877-09-8	Tetrachloro-m-xylene	95%		23-137%
2051-24-3	Decachlorobiphenyl	60%		22-160%
2051-24-3	Decachlorobiphenyl	91%		22-160%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-12(1-3)		
Lab Sample ID:	JA97858-2	**Date Sampled:**	01/24/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	88.3
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G63061.D	1	01/31/12	AZ	01/27/12	OP54481	G2G2276
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	8.7	ug/kg	
11104-28-2	Aroclor 1221	ND	33	20	ug/kg	
11141-16-5	Aroclor 1232	ND	33	17	ug/kg	
53469-21-9	Aroclor 1242	ND	33	11	ug/kg	
12672-29-6	Aroclor 1248	ND	33	10	ug/kg	
11097-69-1	Aroclor 1254	ND	33	16	ug/kg	
11096-82-5	Aroclor 1260	ND	33	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		22-141%
877-09-8	Tetrachloro-m-xylene	102%		22-141%
2051-24-3	Decachlorobiphenyl	79%		18-163%
2051-24-3	Decachlorobiphenyl	110%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-12(1-3)
Lab Sample ID: JA97858-2
Matrix: SO - Soil
Date Sampled: 01/24/12
Date Received: 01/25/12
Percent Solids: 88.3
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	10.0	2.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	334	22	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.49	0.22	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	0.91	0.56	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	17.2	1.1	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	388	2.8	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	837	2.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	221	1.7	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.33	0.037	mg/kg	1	02/03/12	02/03/12	MP	SW846 7471B [2]	SW846 7471B [4]
Nickel	20.8	4.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	0.66	0.56	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	392	2.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27881
(2) Instrument QC Batch: MA27895
(3) Prep QC Batch: MP62535
(4) Prep QC Batch: MP62565

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-12(1-3)
Lab Sample ID: JA97858-2
Matrix: SO - Soil
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Date Sampled: 01/24/12
Date Received: 01/25/12
Percent Solids: 88.3

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	16.8	1.6	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.27	0.27	mg/kg	1	02/03/12 14:54	VA	SW846 9012 M/LACHAT
Redox Potential Vs H2	303		mv	1	02/07/12	SA	ASTM D1498-76M
Solids, Percent	88.3		%	1	02/06/12	BM	SM18 2540G
pH	8.16		su	1	02/07/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-12(1-3)
Lab Sample ID: JA97858-2A
Matrix: SO - Soil
Date Sampled: 01/24/12
Date Received: 01/25/12
Percent Solids: 88.3
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Barium	1.1	D005	100	1.0	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Cadmium	0.011	D006	1.0	0.0050	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Lead	0.63	D008	5.0	0.50	mg/l	1	02/01/12	02/07/12	BL	SW846 6010C [3]	SW846 3010A [5]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/01/12	02/01/12	MP	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA27880
(2) Instrument QC Batch: MA27896
(3) Instrument QC Batch: MA27906
(4) Prep QC Batch: MP62490
(5) Prep QC Batch: MP62494

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID: RA-11(12-14)
Lab Sample ID: JA97858-5 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8260B **Percent Solids:** 62.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145533.D	1	01/28/12	SJM	n/a	n/a	VG6786
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	204	15	10	ug/kg	
71-43-2	Benzene	ND	1.5	0.20	ug/kg	
78-93-3	2-Butanone (MEK)	71.5	15	6.5	ug/kg	
104-51-8	n-Butylbenzene	ND	7.5	0.35	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.5	0.24	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.5	0.21	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.5	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	7.5	0.49	ug/kg	
67-66-3	Chloroform	ND	7.5	0.73	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.5	0.42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.5	0.29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.5	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.5	0.33	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.27	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.5	0.93	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.5	0.49	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.5	0.64	ug/kg	
123-91-1	1,4-Dioxane	ND	190	88	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.22	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.27	ug/kg	
75-09-2	Methylene chloride	ND	7.5	0.35	ug/kg	
103-65-1	n-Propylbenzene	ND	7.5	0.52	ug/kg	
127-18-4	Tetrachloroethene	ND	7.5	0.29	ug/kg	
108-88-3	Toluene	ND	1.5	0.57	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.5	0.36	ug/kg	
79-01-6	Trichloroethene	ND	7.5	0.37	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.5	1.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.5	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	7.5	0.70	ug/kg	
	m,p-Xylene	ND	1.5	0.47	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.28	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.28	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-11(12-14)		
Lab Sample ID:	JA97858-5	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	62.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		67-131%
17060-07-0	1,2-Dichloroethane-D4	87%		66-130%
2037-26-5	Toluene-D8	95%		76-125%
460-00-4	4-Bromofluorobenzene	94%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-11(12-14)		
Lab Sample ID:	JA97858-5	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	62.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M84630.D	1	02/03/12	OYA	01/27/12	OP54485	EM3378
Run #2							

	Initial Weight	Final Volume
Run #1	35.2 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	91	52	ug/kg	
	3&4-Methylphenol	ND	91	58	ug/kg	
87-86-5	Pentachlorophenol	ND	450	78	ug/kg	
108-95-2	Phenol	ND	91	48	ug/kg	
83-32-9	Acenaphthene	ND	45	13	ug/kg	
208-96-8	Acenaphthylene	ND	45	15	ug/kg	
120-12-7	Anthracene	ND	45	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	45	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	45	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	45	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	45	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	45	17	ug/kg	
218-01-9	Chrysene	ND	45	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	45	15	ug/kg	
132-64-9	Dibenzofuran	ND	91	13	ug/kg	
206-44-0	Fluoranthene	ND	45	20	ug/kg	
86-73-7	Fluorene	ND	45	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	91	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	45	16	ug/kg	
91-20-3	Naphthalene	ND	45	12	ug/kg	
85-01-8	Phenanthrene	ND	45	21	ug/kg	
129-00-0	Pyrene	ND	45	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		21-116%
4165-62-2	Phenol-d5	68%		19-117%
118-79-6	2,4,6-Tribromophenol	108%		24-136%
4165-60-0	Nitrobenzene-d5	90%		21-122%
321-60-8	2-Fluorobiphenyl	87%		30-117%
1718-51-0	Terphenyl-d14	110%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-11(12-14)
Lab Sample ID: JA97858-5 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 62.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107401.D	1	02/08/12	VDT	01/27/12	OP54487	GWW3784
Run #2							

	Initial Weight	Final Volume
Run #1	35.1 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	4.6	0.80	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	59%		13-146%
19719-28-9	2,4-DCAA	74%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-11(12-14)		
Lab Sample ID:	JA97858-5	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	62.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G71107.D	1	02/01/12	DS	01/27/12	OP54482	G1G2562
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.93	0.46	ug/kg	
319-84-6	alpha-BHC	ND	0.93	0.70	ug/kg	
319-85-7	beta-BHC	ND	0.93	0.65	ug/kg	
319-86-8	delta-BHC	ND	0.93	0.54	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.93	0.42	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.93	0.61	ug/kg	
60-57-1	Dieldrin	ND	0.93	0.72	ug/kg	
72-54-8	4,4'-DDD	ND	0.93	0.48	ug/kg	
72-55-9	4,4'-DDE	ND	0.93	0.55	ug/kg	
50-29-3	4,4'-DDT	ND	0.93	0.68	ug/kg	
72-20-8	Endrin	ND	0.93	0.48	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.93	0.84	ug/kg	
959-98-8	Endosulfan-I	ND	0.93	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.93	0.61	ug/kg	
76-44-8	Heptachlor	ND	0.93	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		23-137%
877-09-8	Tetrachloro-m-xylene	66%		23-137%
2051-24-3	Decachlorobiphenyl	51%		22-160%
2051-24-3	Decachlorobiphenyl	81%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-11(12-14)		
Lab Sample ID:	JA97858-5	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	62.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G63062.D	1	01/31/12	AZ	01/27/12	OP54481	G2G2276
Run #2							

	Initial Weight	Final Volume
Run #1	17.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	47	12	ug/kg	
11104-28-2	Aroclor 1221	ND	47	28	ug/kg	
11141-16-5	Aroclor 1232	ND	47	24	ug/kg	
53469-21-9	Aroclor 1242	ND	47	15	ug/kg	
12672-29-6	Aroclor 1248	ND	47	14	ug/kg	
11097-69-1	Aroclor 1254	ND	47	22	ug/kg	
11096-82-5	Aroclor 1260	ND	47	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		22-141%
877-09-8	Tetrachloro-m-xylene	84%		22-141%
2051-24-3	Decachlorobiphenyl	74%		18-163%
2051-24-3	Decachlorobiphenyl	100%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-11(12-14)
Lab Sample ID: JA97858-5
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 62.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	9.7	3.3	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	310	33	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.59	0.33	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.82	0.82	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	10.0	1.6	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	58.9	4.1	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	572	3.3	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	121	2.5	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.83	0.053	mg/kg	1	02/03/12	02/03/12	MP	SW846 7471B [2]	SW846 7471B [4]
Nickel	13.0	6.6	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 3.3	3.3	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.82	0.82	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	137	3.3	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27881
(2) Instrument QC Batch: MA27895
(3) Prep QC Batch: MP62535
(4) Prep QC Batch: MP62565

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-11(12-14)
Lab Sample ID: JA97858-5
Matrix: SO - Soil
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 62.5

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.64	0.64	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	9.4	2.2	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	0.39	0.36	mg/kg	1	02/03/12 14:58	VA	SW846 9012 M/LACHAT
Redox Potential Vs H2	327		mv	1	02/07/12	SA	ASTM D1498-76M
Solids, Percent	62.5		%	1	02/06/12	BM	SM18 2540G
pH	7.13		su	1	02/07/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-11(12-14)
Lab Sample ID: JA97858-5A
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 62.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Barium	2.0	D005	100	1.0	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/01/12	02/01/12	MP	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA27880
(2) Instrument QC Batch: MA27896
(3) Prep QC Batch: MP62490
(4) Prep QC Batch: MP62494

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145534.D	1	01/28/12	SJM	n/a	n/a	VG6786
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	30.3	12	7.9	ug/kg	
71-43-2	Benzene	ND	1.2	0.16	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	5.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	0.28	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	0.19	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	0.41	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.39	ug/kg	
67-66-3	Chloroform	ND	6.0	0.58	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.20	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.22	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.51	ug/kg	
123-91-1	1,4-Dioxane	ND	150	70	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.21	ug/kg	
75-09-2	Methylene chloride	ND	6.0	0.28	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.45	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.29	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.30	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	1.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	0.15	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.55	ug/kg	
	m,p-Xylene	ND	1.2	0.38	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.22	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.22	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		67-131%
17060-07-0	1,2-Dichloroethane-D4	87%		66-130%
2037-26-5	Toluene-D8	96%		76-125%
460-00-4	4-Bromofluorobenzene	95%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M84631.D	1	02/03/12	OYA	01/27/12	OP54485	EM3378
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	68	39	ug/kg	
	3&4-Methylphenol	ND	68	43	ug/kg	
87-86-5	Pentachlorophenol	ND	340	59	ug/kg	
108-95-2	Phenol	ND	68	36	ug/kg	
83-32-9	Acenaphthene	ND	34	9.9	ug/kg	
208-96-8	Acenaphthylene	ND	34	11	ug/kg	
120-12-7	Anthracene	23.0	34	12	ug/kg	J
56-55-3	Benzo(a)anthracene	46.1	34	11	ug/kg	
50-32-8	Benzo(a)pyrene	43.6	34	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	38.9	34	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	36.8	34	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	13	ug/kg	
218-01-9	Chrysene	44.2	34	12	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	12	ug/kg	
132-64-9	Dibenzofuran	ND	68	10	ug/kg	
206-44-0	Fluoranthene	88.2	34	15	ug/kg	
86-73-7	Fluorene	ND	34	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	28.2	34	12	ug/kg	J
91-20-3	Naphthalene	ND	34	9.3	ug/kg	
85-01-8	Phenanthrene	82.5	34	16	ug/kg	
129-00-0	Pyrene	137	34	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		21-116%
4165-62-2	Phenol-d5	67%		19-117%
118-79-6	2,4,6-Tribromophenol	98%		24-136%
4165-60-0	Nitrobenzene-d5	86%		21-122%
321-60-8	2-Fluorobiphenyl	84%		30-117%
1718-51-0	Terphenyl-d14	104%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-10(6-8)
Lab Sample ID: JA97858-6 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 83.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107274.D	1	02/02/12	VDT	01/27/12	OP54487	GWW3779
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.4	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	60%		13-146%
19719-28-9	2,4-DCAA	48%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G71108.D	1	02/01/12	DS	01/27/12	OP54482	G1G2562
Run #2							

	Initial Weight	Final Volume
Run #1	17.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.35	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.52	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.41	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.32	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.70	0.46	ug/kg	
60-57-1	Dieldrin	ND	0.70	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.70	0.36	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.41	ug/kg	
50-29-3	4,4'-DDT	ND	0.70	0.51	ug/kg	
72-20-8	Endrin	ND	0.70	0.36	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.63	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.34	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	51%		23-137%
877-09-8	Tetrachloro-m-xylene	57%		23-137%
2051-24-3	Decachlorobiphenyl	45%		22-160%
2051-24-3	Decachlorobiphenyl	67%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G63063.D	1	01/31/12	AZ	01/27/12	OP54481	G2G2276
Run #2							

	Initial Weight	Final Volume
Run #1	17.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		22-141%
877-09-8	Tetrachloro-m-xylene	64%		22-141%
2051-24-3	Decachlorobiphenyl	64%		18-163%
2051-24-3	Decachlorobiphenyl	86%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-10(6-8)
Lab Sample ID: JA97858-6
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 83.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	11.6	2.5	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	75.3	25	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.33	0.25	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.62	0.62	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	13.0	1.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	32.6	3.1	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	86.7	2.5	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	128	1.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.097	0.040	mg/kg	1	02/03/12	02/03/12	MP	SW846 7471B [2]	SW846 7471B [4]
Nickel	10.5	4.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.5	2.5	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.62	0.62	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	210	2.5	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27881
(2) Instrument QC Batch: MA27895
(3) Prep QC Batch: MP62535
(4) Prep QC Batch: MP62565

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-10(6-8)
Lab Sample ID: JA97858-6
Matrix: SO - Soil
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 83.5

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.52	0.48	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	12.5	1.7	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.27	0.27	mg/kg	1	02/03/12 14:59	VA	SW846 9012 M/LACHAT
Redox Potential Vs H2	346		mv	1	02/07/12	SA	ASTM D1498-76M
Solids, Percent	83.5		%	1	02/06/12	BM	SM18 2540G
pH	7.88		su	1	02/07/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-10(6-8)
Lab Sample ID: JA97858-6A
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 83.5
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/01/12	02/01/12	MP	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA27880
(2) Instrument QC Batch: MA27896
(3) Prep QC Batch: MP62490
(4) Prep QC Batch: MP62494

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	RA-14(10-12)		
Lab Sample ID:	JA97858-7	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	86.6
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145535.D	1	01/28/12	SJM	n/a	n/a	VG6786
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.0	11	7.5	ug/kg	
71-43-2	Benzene	ND	1.1	0.15	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.9	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	0.27	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	0.18	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	0.16	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	0.39	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	0.36	ug/kg	
67-66-3	Chloroform	ND	5.7	0.55	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.7	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.7	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.7	0.19	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.21	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.7	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.7	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.7	0.48	ug/kg	
123-91-1	1,4-Dioxane	ND	140	66	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.20	ug/kg	
75-09-2	Methylene chloride	ND	5.7	0.26	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	5.7	0.22	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	0.27	ug/kg	
79-01-6	Trichloroethene	ND	5.7	0.28	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	0.14	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.36	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.21	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.21	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-14(10-12)		
Lab Sample ID:	JA97858-7	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	86.6
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		67-131%
17060-07-0	1,2-Dichloroethane-D4	83%		66-130%
2037-26-5	Toluene-D8	98%		76-125%
460-00-4	4-Bromofluorobenzene	80%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-14(10-12)
Lab Sample ID: JA97858-7 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 86.6
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M84632.D	1	02/03/12	OYA	01/27/12	OP54485	EM3378
Run #2							

	Initial Weight	Final Volume
Run #1	35.1 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	66	38	ug/kg	
	3&4-Methylphenol	ND	66	42	ug/kg	
87-86-5	Pentachlorophenol	ND	330	56	ug/kg	
108-95-2	Phenol	ND	66	35	ug/kg	
83-32-9	Acenaphthene	556	33	9.5	ug/kg	
208-96-8	Acenaphthylene	23.4	33	11	ug/kg	J
120-12-7	Anthracene	676	33	12	ug/kg	
56-55-3	Benzo(a)anthracene	334	33	11	ug/kg	
50-32-8	Benzo(a)pyrene	224	33	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	239	33	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	139	33	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	126	33	12	ug/kg	
218-01-9	Chrysene	289	33	11	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	46.7	33	11	ug/kg	
132-64-9	Dibenzofuran	329	66	9.8	ug/kg	
206-44-0	Fluoranthene	1250	33	15	ug/kg	
86-73-7	Fluorene	618	33	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	66	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	123	33	11	ug/kg	
91-20-3	Naphthalene	158	33	9.0	ug/kg	
85-01-8	Phenanthrene	2010	33	15	ug/kg	
129-00-0	Pyrene	1150	33	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		21-116%
4165-62-2	Phenol-d5	71%		19-117%
118-79-6	2,4,6-Tribromophenol	101%		24-136%
4165-60-0	Nitrobenzene-d5	93%		21-122%
321-60-8	2-Fluorobiphenyl	89%		30-117%
1718-51-0	Terphenyl-d14	107%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-14(10-12)
Lab Sample ID: JA97858-7 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 86.6
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107275.D	1	02/02/12	VDT	01/27/12	OP54487	GWW3779
Run #2							

	Initial Weight	Final Volume
Run #1	35.4 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.3	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	77%		13-146%
19719-28-9	2,4-DCAA	66%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-14(10-12)		
Lab Sample ID:	JA97858-7	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8081B SW846 3545A	**Percent Solids:**	86.6
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G71111.D	1	02/01/12	DS	01/27/12	OP54482	G1G2562
Run #2							

	Initial Weight	Final Volume
Run #1	17.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.66	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.66	0.50	ug/kg	
319-85-7	beta-BHC	ND	0.66	0.47	ug/kg	
319-86-8	delta-BHC	ND	0.66	0.39	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.66	0.30	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.66	0.43	ug/kg	
60-57-1	Dieldrin	ND	0.66	0.51	ug/kg	
72-54-8	4,4'-DDD	ND	0.66	0.34	ug/kg	
72-55-9	4,4'-DDE	ND	0.66	0.39	ug/kg	
50-29-3	4,4'-DDT	ND	0.66	0.49	ug/kg	
72-20-8	Endrin	ND	0.66	0.34	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.66	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	0.66	0.32	ug/kg	
33213-65-9	Endosulfan-II	ND	0.66	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.66	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		23-137%
877-09-8	Tetrachloro-m-xylene	65%		23-137%
2051-24-3	Decachlorobiphenyl	73%		22-160%
2051-24-3	Decachlorobiphenyl	69%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-14(10-12)		
Lab Sample ID:	JA97858-7	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8082A SW846 3545A	**Percent Solids:**	86.6
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G63064.D	1	01/31/12	AZ	01/27/12	OP54481	G2G2276
Run #2							

	Initial Weight	Final Volume
Run #1	17.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	8.6	ug/kg	
11104-28-2	Aroclor 1221	ND	33	20	ug/kg	
11141-16-5	Aroclor 1232	ND	33	17	ug/kg	
53469-21-9	Aroclor 1242	ND	33	11	ug/kg	
12672-29-6	Aroclor 1248	ND	33	10	ug/kg	
11097-69-1	Aroclor 1254	ND	33	16	ug/kg	
11096-82-5	Aroclor 1260	ND	33	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		22-141%
877-09-8	Tetrachloro-m-xylene	77%		22-141%
2051-24-3	Decachlorobiphenyl	79%		18-163%
2051-24-3	Decachlorobiphenyl	103%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-14(10-12)
Lab Sample ID: JA97858-7
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 86.6
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 2.4	2.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	49.5	24	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.41	0.24	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.59	0.59	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	17.4	1.2	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	20.7	2.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	34.6	2.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	180	1.8	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.061	0.037	mg/kg	1	02/03/12	02/03/12	MP	SW846 7471B [2]	SW846 7471B [4]
Nickel	11.9	4.7	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.4	2.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.59	0.59	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	44.1	2.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27881
(2) Instrument QC Batch: MA27895
(3) Prep QC Batch: MP62535
(4) Prep QC Batch: MP62565

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-14(10-12)
Lab Sample ID: JA97858-7 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Percent Solids: 86.6
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.61	0.46	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	16.8	1.7	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.28	0.28	mg/kg	1	02/03/12 15:00	VA	SW846 9012 M/LACHAT
Redox Potential Vs H2	324		mv	1	02/07/12	SA	ASTM D1498-76M
Solids, Percent	86.6		%	1	02/06/12	BM	SM18 2540G
pH	7.32		su	1	02/07/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-14(10-12)
Lab Sample ID: JA97858-7A
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 86.6
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.50	D008	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/02/12	02/02/12	MP	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA27885
(2) Instrument QC Batch: MA27896
(3) Prep QC Batch: MP62542
(4) Prep QC Batch: MP62549

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8260B **Percent Solids:** 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145536.D	1	01/28/12	SJM	n/a	n/a	VG6786
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	178	13	8.8	ug/kg	
71-43-2	Benzene	ND	1.3	0.18	ug/kg	
78-93-3	2-Butanone (MEK)	44.9	13	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	0.31	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	0.46	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	0.43	ug/kg	
67-66-3	Chloroform	ND	6.7	0.64	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.7	0.37	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.7	0.26	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.7	0.23	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	0.29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.7	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.7	0.57	ug/kg	
123-91-1	1,4-Dioxane	ND	170	78	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.24	ug/kg	
75-09-2	Methylene chloride	ND	6.7	0.31	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	0.46	ug/kg	
127-18-4	Tetrachloroethene	ND	6.7	0.25	ug/kg	
108-88-3	Toluene	ND	1.3	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.7	0.33	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	0.17	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	0.62	ug/kg	
	m,p-Xylene	ND	1.3	0.42	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.25	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.25	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-15(9-11)		
Lab Sample ID:	JA97858-8	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
Method:	SW846 8260B	**Percent Solids:**	70.7
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		67-131%
17060-07-0	1,2-Dichloroethane-D4	84%		66-130%
2037-26-5	Toluene-D8	102%		76-125%
460-00-4	4-Bromofluorobenzene	81%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M84633.D	1	02/03/12	OYA	01/27/12	OP54485	EM3378
Run #2							

	Initial Weight	Final Volume
Run #1	35.6 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	79	45	ug/kg	
	3&4-Methylphenol	ND	79	50	ug/kg	
87-86-5	Pentachlorophenol	ND	400	68	ug/kg	
108-95-2	Phenol	ND	79	42	ug/kg	
83-32-9	Acenaphthene	31.4	40	12	ug/kg	J
208-96-8	Acenaphthylene	ND	40	13	ug/kg	
120-12-7	Anthracene	103	40	14	ug/kg	
56-55-3	Benzo(a)anthracene	273	40	13	ug/kg	
50-32-8	Benzo(a)pyrene	259	40	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	277	40	13	ug/kg	
191-24-2	Benzo(g,h,i)perylene	187	40	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	130	40	15	ug/kg	
218-01-9	Chrysene	282	40	13	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	69.7	40	14	ug/kg	
132-64-9	Dibenzofuran	ND	79	12	ug/kg	
206-44-0	Fluoranthene	422	40	18	ug/kg	
86-73-7	Fluorene	34.9	40	13	ug/kg	J
118-74-1	Hexachlorobenzene	ND	79	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	169	40	14	ug/kg	
91-20-3	Naphthalene	22.0	40	11	ug/kg	J
85-01-8	Phenanthrene	270	40	18	ug/kg	
129-00-0	Pyrene	570	40	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		21-116%
4165-62-2	Phenol-d5	68%		19-117%
118-79-6	2,4,6-Tribromophenol	102%		24-136%
4165-60-0	Nitrobenzene-d5	92%		21-122%
321-60-8	2-Fluorobiphenyl	89%		30-117%
1718-51-0	Terphenyl-d14	109%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107276.D	1	02/02/12	VDT	01/27/12	OP54487	GWW3779
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	4.0	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	79%		13-146%
19719-28-9	2,4-DCAA	60%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8081B SW846 3545A **Percent Solids:** 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G71112.D	1	02/01/12	DS	01/27/12	OP54482	G1G2562
Run #2							

	Initial Weight	Final Volume
Run #1	17.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.81	0.40	ug/kg	
319-84-6	alpha-BHC	ND	0.81	0.61	ug/kg	
319-85-7	beta-BHC	ND	0.81	0.57	ug/kg	
319-86-8	delta-BHC	ND	0.81	0.47	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.81	0.37	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.81	0.53	ug/kg	
60-57-1	Dieldrin	ND	0.81	0.63	ug/kg	
72-54-8	4,4'-DDD	ND	0.81	0.41	ug/kg	
72-55-9	4,4'-DDE	ND	0.81	0.48	ug/kg	
50-29-3	4,4'-DDT	ND	0.81	0.59	ug/kg	
72-20-8	Endrin	ND	0.81	0.41	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.81	0.73	ug/kg	
959-98-8	Endosulfan-I	ND	0.81	0.39	ug/kg	
33213-65-9	Endosulfan-II	ND	0.81	0.53	ug/kg	
76-44-8	Heptachlor	ND	0.81	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		23-137%
877-09-8	Tetrachloro-m-xylene	66%		23-137%
2051-24-3	Decachlorobiphenyl	67%		22-160%
2051-24-3	Decachlorobiphenyl	68%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8 **Date Sampled:** 01/25/12
Matrix: SO - Soil **Date Received:** 01/25/12
Method: SW846 8082A SW846 3545A **Percent Solids:** 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G63065.D	1	01/31/12	AZ	01/27/12	OP54481	G2G2276
Run #2							

	Initial Weight	Final Volume
Run #1	17.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	11	ug/kg	
11104-28-2	Aroclor 1221	ND	40	24	ug/kg	
11141-16-5	Aroclor 1232	ND	40	20	ug/kg	
53469-21-9	Aroclor 1242	ND	40	13	ug/kg	
12672-29-6	Aroclor 1248	ND	40	12	ug/kg	
11097-69-1	Aroclor 1254	ND	40	19	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		22-141%
877-09-8	Tetrachloro-m-xylene	82%		22-141%
2051-24-3	Decachlorobiphenyl	79%		18-163%
2051-24-3	Decachlorobiphenyl	104%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	15.1	2.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Barium	967	29	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.70	0.29	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	2.9	0.71	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Chromium	38.2	1.4	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Copper	246	3.6	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Lead	1720	2.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Manganese	476	2.1	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.33	0.045	mg/kg	1	02/03/12	02/03/12	MP	SW846 7471B [3]	SW846 7471B [5]
Nickel	49.1	5.7	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 2.9	2.9	mg/kg	1	02/01/12	02/02/12	BL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.79	0.71	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]
Zinc	1930	2.9	mg/kg	1	02/01/12	02/01/12	BL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA27881
(2) Instrument QC Batch: MA27891
(3) Instrument QC Batch: MA27895
(4) Prep QC Batch: MP62535
(5) Prep QC Batch: MP62565

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8
Matrix: SO - Soil
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 70.7

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.57	0.57	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	38.2	2.0	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.33	0.33	mg/kg	1	02/03/12 15:02	VA	SW846 9012 M/LACHAT
Redox Potential Vs H2	355		mv	1	02/07/12	SA	ASTM D1498-76M
Solids, Percent	70.7		%	1	02/07/12	HS	SM18 2540G
pH	7.53		su	1	02/07/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-15(9-11)
Lab Sample ID: JA97858-8A
Matrix: SO - Soil
Date Sampled: 01/25/12
Date Received: 01/25/12
Percent Solids: 70.7
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Barium	3.5	D005	100	1.0	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Cadmium	0.020	D006	1.0	0.0050	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Lead	2.4	D008	5.0	0.50	mg/l	1	02/01/12	02/07/12	BL	SW846 6010C [3]	SW846 3010A [5]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/01/12	02/01/12	MP	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA27880
(2) Instrument QC Batch: MA27896
(3) Instrument QC Batch: MA27906
(4) Prep QC Batch: MP62490
(5) Prep QC Batch: MP62494

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

SO FB WTB

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www.acutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA97858

Client / Reporting Information

Company Name: Roux Associates
Street Address: 209 Shafter St.
City: Islandia State: NY Zip: 11749
Project Contact: Josh Levine E-mail: jlevine@rouxinc.com
Phone #: (631) 232-2600 / 9898 Fax #:
Sampler(s) Name(s): E. Livingstone Phone #: (631) 926 2552

Project Information

Project Name: Rego Park Z Property, Vornado
Street: 93-30 Horace Harding Expwy
City: Queens State: NY
Project #: 0987.0016Y000
Client Purchase Order #:
Project Manager: Josh Levine

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCLPM, SVOC, Metals, PPCB, HNO3 (NYSTAR Part 375)	VOC	HERB	METALS	PPCB	SVOC					LAB USE ONLY
-1	FB-012512		1/25/12	1000	EL	WW	10	3		1		6					✓	✓	✓	✓	✓		MEV 1/26/12				
-2	RA-12 (1-3)		1/24/12	0915	EL	SO	3					3				✓	✓									Ex 3
-3	FB-012412		1/24/12	1415	EL	WW	10	3		1		6					✓	✓	✓	✓	✓		MEV 1/26/12			AMET 24
-4	TRIP BLANK		1/23/12	0600	JK	WW	2	2									✓						MEV 1/26/12			812
-5	RA-11 (12-14)		1/25/12	1145	EL	SO	3					3				✓	✓									UTC 25
-6	RA-10 (6-8)		1/25/12	1300	EL	SO	3					3				✓	✓									1902
-7	RA-14 (10-12)		1/25/12	1420	EL	SO	3					3				✓	✓									9016
-8	RA-15 (9-11)		1/25/12	1500	EL	SO	3					3				✓	✓									

FBx2 + TB not needed per Josh Levine / MEV 1/26/12

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

- [x] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [x] Other Electronic

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Deliverable: Electronic
TAT: w/in holding time for samples
Analyses: NYState Part 375

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 E. Livingstone	1/25/12 1515	1 Chris Laul	2 Chris Laul	1/25/12 1705	2 [signature]
3		3	4		4
5		5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable: On Ice ☒ Cooler Temp. 3°C B, 1°C B

1A

4.1 4

JA97858: Chain of Custody
Page 1 of 2

Job Change Order: JA97858_2/20/2012

Requested Date:	2/20/2012	**Received Date:**	1/25/2012
Account Name:	Roux Associates	**Due Date:**	2/8/2012
Project	Rego Park Z Property, Vornado, 93-30 Horace	**Deliverable:**	NYASPB
CSR:	MV	**TAT (Days):**	3

Sample #:
JA97858-2, 5, 6, 7, 8

Change: Relog for XXCRAR

Above Changes Per: Lab

Date: 2/20/2012

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

JA97858: Chain of Custody
Page 2 of 2

New Jersey ACCUTEST LABORATORIES

03/05/12



Technical Report for

Roux Associates

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

0987.0016Y000

Accutest Job Number: JA97858R

Sampling Dates: 01/24/12 - 01/25/12

Report to:

Roux Associates

jlevine@rouxinc.com

ATTN: Josh Levine

Total number of pages in report: **13**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

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Sample Summary

Roux Associates

Job No: JA97858R

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY
Project No: 0987.0016Y000

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JA97858-2R	01/24/12	09:15	EL	01/25/12	SO	Soil	RA-12(1-3)
JA97858-5R	01/25/12	11:45	EL	01/25/12	SO	Soil	RA-11(12-14)
JA97858-6R	01/25/12	13:00	EL	01/25/12	SO	Soil	RA-10(6-8)
JA97858-7R	01/25/12	14:20	EL	01/25/12	SO	Soil	RA-14(10-12)
JA97858-8R	01/25/12	15:00	EL	01/25/12	SO	Soil	RA-15(9-11)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Roux Associates	**Job No**	JA97858R
Site:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway,	**Report Date**	2/22/2012 1:21:58 PM

On 01/25/2012, 5 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JA97858R was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Wet Chemistry By Method SW846 3060A/7196A

Matrix: SO **Batch ID:** GP63122

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98069-3RDUP, JA98069-3RMS were used as the QC samples for Chromium, Hexavalent.
- Matrix Spike Recovery(s) for Chromium, Hexavalent are outside control limits. Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
- GP63122-S1 for Chromium, Hexavalent: Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (105%) on this sample.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	RA-12(1-3)		
Lab Sample ID:	JA97858-2R	**Date Sampled:**	01/24/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
		Percent Solids:	88.3
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-11(12-14)		
Lab Sample ID:	JA97858-5R	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
		Percent Solids:	62.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.64	0.64	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-10(6-8)		
Lab Sample ID:	JA97858-6R	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
		Percent Solids:	83.5
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.48	0.48	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-14(10-12)		
Lab Sample ID:	JA97858-7R	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
		Percent Solids:	86.6
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.46	0.46	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-15(9-11)		
Lab Sample ID:	JA97858-8R	**Date Sampled:**	01/25/12
Matrix:	SO - Soil	**Date Received:**	01/25/12
		Percent Solids:	70.7
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.57	0.57	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

SO FB WTB

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www.acutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA97858

Client / Reporting Information

Company Name: Roux Associates
Street Address: 209 Shafter St.
City: Islandia State: NY Zip: 11749
Project Contact: Josh Levine E-mail: jlevine@rouxinc.com
Phone #: (631) 232-2600 Fax #: 9898
Sampler(s) Name(s): E. Livingstone Phone #: (631) 926 2552

Project Information

Project Name: Rego Park Z Property, Vornado
Street: 93-30 Horace Harding Expwy
City: Queens State: NY
Project #: 0987.0016Y000
Client Purchase Order #:
Project Manager: Josh Levine

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCLPM, SVOC, Metals, PPCB, HNO3 (NYSTAR Part 375)	VOC	HERB	METALS	PPCB	SVOC					LAB USE ONLY
-1	FB-012512		1/25/12	1000	EL	WW	10	3		1		6					✓	✓	✓	✓	✓		MEV 1/26/12			
-2	RA-12 (1-3)		1/24/12	0915	EL	SO	3					3				✓	✓									EX 3
-3	FB-012412		1/24/12	1415	EL	WW	10	3		1		6					✓	✓	✓	✓	✓		MEV 1/26/12			AMET 24
-4	TRIP BLANK		1/23/12	0600	JK	WW	2	2									✓						MEV 1/26/12			812
-5	RA-11 (12-14)		1/25/12	1145	EL	SO	3					3				✓	✓									UTC 25
-6	RA-10 (6-8)		1/25/12	1300	EL	SO	3					3				✓	✓									1902
-7	RA-14 (10-12)		1/25/12	1420	EL	SO	3					3				✓	✓									9016
-8	RA-15 (9-11)		1/25/12	1500	EL	SO	3					3				✓	✓									

FBx2 + TB not needed per Josh Levine / MEV 1/26/12

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

- [x] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [x] Other Electronic

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special instructions

Deliverable: Electronic
TAT: w/in holding time for samples
Analyses: NYState Part 375

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 E. Livingstone	1/25/12 1515	1 Chris Laul	2 Chris Laul	1/25/12 1705	2 [signature]
3		3	4		4
5		5	Custody Seal #	Preserved where applicable	On Ice: ☒ Cooler Temp. 3°C B, 1°C B

1A

4.1

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JA97858R: Chain of Custody
Page 1 of 2

Job Change Order: JA97858_2/20/2012

Requested Date:	2/20/2012	**Received Date:**	1/25/2012
Account Name:	Roux Associates	**Due Date:**	2/8/2012
Project	Rego Park Z Property, Vornado, 93-30 Horace	**Deliverable:**	NYASPB
CSR:	MV	**TAT (Days):**	3

Sample #:
JA97858-2, 5, 6, 7, 8

Change: Relog for XXCRAR

Above Changes Per: Lab

Date: 2/20/2012

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

JA97858R: Chain of Custody
Page 2 of 2

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8260B **Percent Solids:** 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A180159.D	1	01/31/12	OTR	n/a	n/a	VA6726
Run #2							

	Initial Weight
Run #1	4.3 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	45.8	14	9.4	ug/kg	
71-43-2	Benzene	0.88	1.4	0.19	ug/kg	J
78-93-3	2-Butanone (MEK)	ND	14	6.1	ug/kg	
104-51-8	n-Butylbenzene	ND	7.1	0.33	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.1	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.1	0.20	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	0.49	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	0.46	ug/kg	
67-66-3	Chloroform	ND	7.1	0.68	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	7.1	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	7.1	0.27	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	7.1	0.24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	0.31	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	7.1	0.87	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	7.1	0.46	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	7.1	0.60	ug/kg	
123-91-1	1,4-Dioxane	ND	180	82	ug/kg	
100-41-4	Ethylbenzene	0.93	1.4	0.21	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.25	ug/kg	
75-09-2	Methylene chloride	ND	7.1	0.33	ug/kg	
103-65-1	n-Propylbenzene	ND	7.1	0.49	ug/kg	
127-18-4	Tetrachloroethene	ND	7.1	0.27	ug/kg	
108-88-3	Toluene	0.84	1.4	0.54	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	7.1	0.34	ug/kg	
79-01-6	Trichloroethene	ND	7.1	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.1	1.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.1	0.18	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	0.65	ug/kg	
	m,p-Xylene	1.3	1.4	0.44	ug/kg	J
95-47-6	o-Xylene	0.57	1.4	0.26	ug/kg	J
1330-20-7	Xylene (total)	1.9	1.4	0.26	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-9 (8-10)		
Lab Sample ID:	JA98069-1	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
Method:	SW846 8260B	**Percent Solids:**	82.1
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		67-131%
17060-07-0	1,2-Dichloroethane-D4	89%		66-130%
2037-26-5	Toluene-D8	103%		76-125%
460-00-4	4-Bromofluorobenzene	102%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P8470.D	1	02/07/12	NAP	01/30/12	OP54517	E3P400
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	70	40	ug/kg	
	3&4-Methylphenol	ND	70	44	ug/kg	
87-86-5	Pentachlorophenol	ND	350	60	ug/kg	
108-95-2	Phenol	ND	70	37	ug/kg	
83-32-9	Acenaphthene	97.5	35	10	ug/kg	
208-96-8	Acenaphthylene	43.7	35	11	ug/kg	
120-12-7	Anthracene	275	35	12	ug/kg	
56-55-3	Benzo(a)anthracene	634	35	11	ug/kg	
50-32-8	Benzo(a)pyrene	572	35	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	451	35	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	309	35	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	344	35	13	ug/kg	
218-01-9	Chrysene	670	35	12	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	122	35	12	ug/kg	
132-64-9	Dibenzofuran	45.1	70	10	ug/kg	J
206-44-0	Fluoranthene	1080	35	15	ug/kg	
86-73-7	Fluorene	116	35	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	288	35	12	ug/kg	
91-20-3	Naphthalene	26.7	35	9.5	ug/kg	J
85-01-8	Phenanthrene	1110	35	16	ug/kg	
129-00-0	Pyrene	1150	35	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		21-116%
4165-62-2	Phenol-d5	69%		19-117%
118-79-6	2,4,6-Tribromophenol	95%		24-136%
4165-60-0	Nitrobenzene-d5	78%		21-122%
321-60-8	2-Fluorobiphenyl	83%		30-117%
1718-51-0	Terphenyl-d14	89%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107283.D	1	02/03/12	VDT	01/30/12	OP54518	GWW3779
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.5	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	127%		13-146%
19719-28-9	2,4-DCAA	103%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8081B SW846 3545A **Percent Solids:** 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G14684.D	1	02/03/12	CT	01/30/12	OP54531	G4G406
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.36	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.54	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.50	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.42	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.33	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.47	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.55	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.37	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.42	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.53	ug/kg	
72-20-8	Endrin	ND	0.72	0.37	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.65	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.35	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		23-137%
877-09-8	Tetrachloro-m-xylene	31%		23-137%
2051-24-3	Decachlorobiphenyl	34%		22-160%
2051-24-3	Decachlorobiphenyl	42%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8082A SW846 3545A **Percent Solids:** 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF105946.D	1	01/31/12	CT	01/30/12	OP54530	GEF4411
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.3	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	43%		22-141%
877-09-8	Tetrachloro-m-xylene	82%		22-141%
2051-24-3	Decachlorobiphenyl	33%		18-163%
2051-24-3	Decachlorobiphenyl	64%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	10.1	2.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	2300	26	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.42	0.26	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	1.7	0.64	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	35.6	1.3	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	140	3.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	2640	2.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	450	1.9	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.45	0.040	mg/kg	1	02/08/12	02/08/12	VK	SW846 7471B [2]	SW846 7471B [4]
Nickel	21.8	5.1	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.6	2.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	1.7	0.64	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	1540	2.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27906
(2) Instrument QC Batch: MA27918
(3) Prep QC Batch: MP62590
(4) Prep QC Batch: MP62629

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.53	0.49	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	35.1	1.8	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.28	0.28	mg/kg	1	02/03/12 19:01	CW	SW846 9012 M/LACHAT
Redox Potential Vs H2	277		mv	1	02/09/12	SA	ASTM D1498-76M
Solids, Percent	82.1		%	1	02/08/12	HS	SM18 2540G
pH	8.41		su	1	02/09/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-9 (8-10)
Lab Sample ID: JA98069-1A
Matrix: SO - Soil
Date Sampled: 01/26/12
Date Received: 01/27/12
Percent Solids: 82.1
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Barium	5.7	D005	100	1.0	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Cadmium	0.034	D006	1.0	0.0050	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Chromium [a]	< 0.020	D007	5.0	0.020	mg/l	2	02/01/12	02/07/12	BL	SW846 6010C [3]	SW846 3010A [5]
Lead	32.7	D008	5.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/01/12	02/01/12	MP	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/01/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [5]

(1) Instrument QC Batch: MA27880
(2) Instrument QC Batch: MA27896
(3) Instrument QC Batch: MA27915
(4) Prep QC Batch: MP62491
(5) Prep QC Batch: MP62495

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8260B **Percent Solids:** 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145622.D	1	02/01/12	SJM	n/a	n/a	VG6790
Run #2							

	Initial Weight
Run #1	4.2 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	208	13	8.9	ug/kg	
71-43-2	Benzene	1.7	1.3	0.18	ug/kg	
78-93-3	2-Butanone (MEK)	85.0	13	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	0.31	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	0.18	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	0.46	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	0.43	ug/kg	
67-66-3	Chloroform	ND	6.7	0.65	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.7	0.37	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.7	0.26	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.7	0.23	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	0.29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.7	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.7	0.57	ug/kg	
123-91-1	1,4-Dioxane	ND	170	78	ug/kg	
100-41-4	Ethylbenzene	1.6	1.3	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.24	ug/kg	
75-09-2	Methylene chloride	ND	6.7	0.31	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	0.46	ug/kg	
127-18-4	Tetrachloroethene	ND	6.7	0.26	ug/kg	
108-88-3	Toluene	1.3	1.3	0.51	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	0.32	ug/kg	
79-01-6	Trichloroethene	ND	6.7	0.33	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	0.17	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	0.62	ug/kg	
	m,p-Xylene	1.6	1.3	0.42	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.25	ug/kg	
1330-20-7	Xylene (total)	1.6	1.3	0.25	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-13 (6-8)		
Lab Sample ID:	JA98069-2	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
Method:	SW846 8260B	**Percent Solids:**	88.9
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		67-131%
17060-07-0	1,2-Dichloroethane-D4	92%		66-130%
2037-26-5	Toluene-D8	97%		76-125%
460-00-4	4-Bromofluorobenzene	102%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P8471.D	1	02/07/12	NAP	01/30/12	OP54517	E3P400
Run #2							

	Initial Weight	Final Volume
Run #1	35.5 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	63	36	ug/kg	
	3&4-Methylphenol	ND	63	40	ug/kg	
87-86-5	Pentachlorophenol	ND	320	54	ug/kg	
108-95-2	Phenol	ND	63	33	ug/kg	
83-32-9	Acenaphthene	105	32	9.2	ug/kg	
208-96-8	Acenaphthylene	137	32	10	ug/kg	
120-12-7	Anthracene	294	32	11	ug/kg	
56-55-3	Benzo(a)anthracene	643	32	10	ug/kg	
50-32-8	Benzo(a)pyrene	687	32	9.7	ug/kg	
205-99-2	Benzo(b)fluoranthene	638	32	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	503	32	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	416	32	12	ug/kg	
218-01-9	Chrysene	712	32	11	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	234	32	11	ug/kg	
132-64-9	Dibenzofuran	45.4	63	9.4	ug/kg	J
206-44-0	Fluoranthene	1610	32	14	ug/kg	
86-73-7	Fluorene	120	32	10	ug/kg	
118-74-1	Hexachlorobenzene	ND	63	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	418	32	11	ug/kg	
91-20-3	Naphthalene	75.8	32	8.7	ug/kg	
85-01-8	Phenanthrene	939	32	14	ug/kg	
129-00-0	Pyrene	1220	32	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	84%		21-116%
4165-62-2	Phenol-d5	76%		19-117%
118-79-6	2,4,6-Tribromophenol	103%		24-136%
4165-60-0	Nitrobenzene-d5	84%		21-122%
321-60-8	2-Fluorobiphenyl	93%		30-117%
1718-51-0	Terphenyl-d14	97%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107284.D	1	02/03/12	VDT	01/30/12	OP54518	GWW3779
Run #2							

	Initial Weight	Final Volume
Run #1	35.0 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.2	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	95%		13-146%
19719-28-9	2,4-DCAA	105%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8081B SW846 3545A **Percent Solids:** 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G14685.D	1	02/03/12	CT	01/30/12	OP54531	G4G406
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.66	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.66	0.50	ug/kg	
319-85-7	beta-BHC	ND	0.66	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.66	0.39	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.66	0.30	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.66	0.43	ug/kg	
60-57-1	Dieldrin	ND	0.66	0.51	ug/kg	
72-54-8	4,4'-DDD	ND	0.66	0.34	ug/kg	
72-55-9	4,4'-DDE	ND	0.66	0.39	ug/kg	
50-29-3	4,4'-DDT	ND	0.66	0.49	ug/kg	
72-20-8	Endrin	ND	0.66	0.34	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.66	0.60	ug/kg	
959-98-8	Endosulfan-I	ND	0.66	0.32	ug/kg	
33213-65-9	Endosulfan-II	ND	0.66	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.66	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	123%		23-137%
877-09-8	Tetrachloro-m-xylene	83%		23-137%
2051-24-3	Decachlorobiphenyl	150%		22-160%
2051-24-3	Decachlorobiphenyl	203% [a]		22-160%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8082A SW846 3545A **Percent Solids:** 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF105934.D	1	01/31/12	CT	01/30/12	OP54530	GEF4411
Run #2							

	Initial Weight	Final Volume
Run #1	17.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	8.6	ug/kg	
11104-28-2	Aroclor 1221	ND	33	20	ug/kg	
11141-16-5	Aroclor 1232	ND	33	17	ug/kg	
53469-21-9	Aroclor 1242	ND	33	11	ug/kg	
12672-29-6	Aroclor 1248	ND	33	10	ug/kg	
11097-69-1	Aroclor 1254	ND	33	15	ug/kg	
11096-82-5	Aroclor 1260	140	33	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		22-141%
877-09-8	Tetrachloro-m-xylene	119%		22-141%
2051-24-3	Decachlorobiphenyl	117%		18-163%
2051-24-3	Decachlorobiphenyl	115%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	8.0	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	120	22	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.28	0.22	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	1.4	0.55	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	12.9	1.1	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	68.2	2.7	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	458	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	185	1.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.24	0.036	mg/kg	1	02/08/12	02/08/12	VK	SW846 7471B [2]	SW846 7471B [4]
Nickel	11.8	4.4	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	0.55	0.55	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	296	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27906
(2) Instrument QC Batch: MA27918
(3) Prep QC Batch: MP62590
(4) Prep QC Batch: MP62629

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	02/09/12 16:31	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	12.5	1.6	mg/kg	1	02/09/12 16:31	SY	SW846 6010/7196A M
Cyanide	< 0.25	0.25	mg/kg	1	02/03/12 19:02	CW	SW846 9012 M/LACHAT
Redox Potential Vs H2	285		mv	1	02/09/12	SA	ASTM D1498-76M
Solids, Percent	88.9		%	1	02/08/12	HS	SM18 2540G
pH	7.53		su	1	02/09/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-13 (6-8)
Lab Sample ID: JA98069-2A
Matrix: SO - Soil
Date Sampled: 01/26/12
Date Received: 01/27/12
Percent Solids: 88.9
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Cadmium	0.026	D006	1.0	0.0050	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Lead	2.5	D008	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/02/12	02/02/12	MP	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA27885
(2) Instrument QC Batch: MA27896
(3) Prep QC Batch: MP62542
(4) Prep QC Batch: MP62549

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8260B **Percent Solids:** 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G145623.D	1	02/01/12	SJM	n/a	n/a	VG6790
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	89.8	12	8.1	ug/kg	
71-43-2	Benzene	ND	1.2	0.16	ug/kg	
78-93-3	2-Butanone (MEK)	23.2	12	5.3	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	0.29	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	0.19	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	0.42	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	0.39	ug/kg	
67-66-3	Chloroform	ND	6.1	0.59	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.1	0.23	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.1	0.21	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.22	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.1	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.1	0.52	ug/kg	
123-91-1	1,4-Dioxane	ND	150	71	ug/kg	
100-41-4	Ethylbenzene	1.0	1.2	0.18	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.22	ug/kg	
75-09-2	Methylene chloride	ND	6.1	0.28	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	6.1	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.46	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	0.29	ug/kg	
79-01-6	Trichloroethene	ND	6.1	0.30	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	0.15	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	0.56	ug/kg	
	m,p-Xylene	1.4	1.2	0.38	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.22	ug/kg	
1330-20-7	Xylene (total)	1.4	1.2	0.22	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RA-16 (6-8)		
Lab Sample ID:	JA98069-3	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
Method:	SW846 8260B	**Percent Solids:**	93.4
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

VOA Soil Cleanup Objectives Priority List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		67-131%
17060-07-0	1,2-Dichloroethane-D4	88%		66-130%
2037-26-5	Toluene-D8	95%		76-125%
460-00-4	4-Bromofluorobenzene	94%		53-142%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8270D SW846 3550C **Percent Solids:** 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z69339.D	1	02/10/12	RG	01/30/12	OP54517	EZ3627
Run #2							

	Initial Weight	Final Volume
Run #1	34.9 g	1.0 ml
Run #2		

ABN Soil Cleanup Objectives Priority List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-48-7	2-Methylphenol	ND	61	35	ug/kg	
	3&4-Methylphenol	ND	61	39	ug/kg	
87-86-5	Pentachlorophenol	ND	310	52	ug/kg	
108-95-2	Phenol	ND	61	32	ug/kg	
83-32-9	Acenaphthene	16.3	31	8.9	ug/kg	J
208-96-8	Acenaphthylene	14.6	31	9.8	ug/kg	J
120-12-7	Anthracene	40.0	31	11	ug/kg	
56-55-3	Benzo(a)anthracene	118	31	10	ug/kg	
50-32-8	Benzo(a)pyrene	131	31	9.4	ug/kg	
205-99-2	Benzo(b)fluoranthene	186	31	10	ug/kg	
191-24-2	Benzo(g,h,i)perylene	102	31	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	90.5	31	12	ug/kg	
218-01-9	Chrysene	152	31	10	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	18.2	31	10	ug/kg	J
132-64-9	Dibenzofuran	ND	61	9.1	ug/kg	
206-44-0	Fluoranthene	238	31	14	ug/kg	
86-73-7	Fluorene	17.1	31	10	ug/kg	J
118-74-1	Hexachlorobenzene	ND	61	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	109	31	11	ug/kg	
91-20-3	Naphthalene	16.1	31	8.4	ug/kg	J
85-01-8	Phenanthrene	138	31	14	ug/kg	
129-00-0	Pyrene	202	31	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		21-116%
4165-62-2	Phenol-d5	56%		19-117%
118-79-6	2,4,6-Tribromophenol	66%		24-136%
4165-60-0	Nitrobenzene-d5	52%		21-122%
321-60-8	2-Fluorobiphenyl	61%		30-117%
1718-51-0	Terphenyl-d14	67%		31-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8151 SW846 3550C **Percent Solids:** 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WW107405.D	1	02/08/12	VDT	01/30/12	OP54518	GWW3784
Run #2							

	Initial Weight	Final Volume
Run #1	35.1 g	10.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
93-72-1	2,4,5-TP (Silvex)	ND	3.1	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
19719-28-9	2,4-DCAA	142%		13-146%
19719-28-9	2,4-DCAA	140%		13-146%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8081B SW846 3545A **Percent Solids:** 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G14686.D	1	02/03/12	CT	01/30/12	OP54531	G4G406
Run #2							

	Initial Weight	Final Volume
Run #1	17.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.62	0.31	ug/kg	
319-84-6	alpha-BHC	ND	0.62	0.46	ug/kg	
319-85-7	beta-BHC	ND	0.62	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.62	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.62	0.28	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.62	0.40	ug/kg	
60-57-1	Dieldrin	ND	0.62	0.48	ug/kg	
72-54-8	4,4'-DDD	ND	0.62	0.32	ug/kg	
72-55-9	4,4'-DDE	ND	0.62	0.36	ug/kg	
50-29-3	4,4'-DDT	ND	0.62	0.45	ug/kg	
72-20-8	Endrin	ND	0.62	0.31	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.62	0.56	ug/kg	
959-98-8	Endosulfan-I	ND	0.62	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	0.62	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.62	0.38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		23-137%
877-09-8	Tetrachloro-m-xylene	76%		23-137%
2051-24-3	Decachlorobiphenyl	112%		22-160%
2051-24-3	Decachlorobiphenyl	98%		22-160%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Method: SW846 8082A SW846 3545A **Percent Solids:** 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF105935.D	1	01/31/12	CT	01/30/12	OP54530	GEF4411
Run #2							

	Initial Weight	Final Volume
Run #1	17.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	31	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	31	19	ug/kg	
11141-16-5	Aroclor 1232	ND	31	16	ug/kg	
53469-21-9	Aroclor 1242	ND	31	9.8	ug/kg	
12672-29-6	Aroclor 1248	ND	31	9.4	ug/kg	
11097-69-1	Aroclor 1254	ND	31	14	ug/kg	
11096-82-5	Aroclor 1260	ND	31	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	112%		22-141%
877-09-8	Tetrachloro-m-xylene	105%		22-141%
2051-24-3	Decachlorobiphenyl	99%		18-163%
2051-24-3	Decachlorobiphenyl	95%		18-163%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Barium	107	22	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.35	0.22	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.54	0.54	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Chromium	19.2	1.1	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Copper	34.5	2.7	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Lead	116	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Manganese	256	1.6	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.076	0.034	mg/kg	1	02/08/12	02/08/12	VK	SW846 7471B [2]	SW846 7471B [4]
Nickel	16.6	4.3	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.54	0.54	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]
Zinc	188	2.2	mg/kg	1	02/06/12	02/07/12	BL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA27906
(2) Instrument QC Batch: MA27918
(3) Prep QC Batch: MP62590
(4) Prep QC Batch: MP62629

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3 **Date Sampled:** 01/26/12
Matrix: SO - Soil **Date Received:** 01/27/12
Percent Solids: 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	2.2	0.43	mg/kg	1	02/09/12 17:10	SY	SW846 3060A/7196A
Chromium, Trivalent [a]	17.0	1.5	mg/kg	1	02/09/12 17:10	SY	SW846 6010/7196A M
Cyanide	< 0.24	0.24	mg/kg	1	02/03/12 19:03	CW	SW846 9012 M/LACHAT
Redox Potential Vs H2	255		mv	1	02/09/12	SA	ASTM D1498-76M
Solids, Percent	93.4		%	1	02/08/12	HS	SM18 2540G
pH	8.96		su	1	02/09/12	SA	SW846 9045C,D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID: RA-16 (6-8)
Lab Sample ID: JA98069-3A
Matrix: SO - Soil
Date Sampled: 01/26/12
Date Received: 01/27/12
Percent Solids: 93.4
Project: Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Barium	< 1.0	D005	100	1.0	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0050	D006	1.0	0.0050	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Lead	29.0	D008	5.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	02/02/12	02/02/12	MP	SW846 7470A [1]	SW846 7470A [3]
Selenium	< 0.50	D010	1.0	0.50	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.010	D011	5.0	0.010	mg/l	1	02/02/12	02/04/12	BL	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA27885
(2) Instrument QC Batch: MA27896
(3) Prep QC Batch: MP62542
(4) Prep QC Batch: MP62549

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

New Jersey ACCUTEST LABORATORIES

02/24/12



Technical Report for

Roux Associates

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY

0987.0016Y000

Accutest Job Number: JA98069R

Sampling Date: 01/26/12

Report to:

Roux Associates

jlevine@rouxinc.com

ATTN: Josh Levine

Total number of pages in report: **12**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Marty Vitanza 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

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Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Roux Associates

Job No: JA98069R

Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY
Project No: 0987.0016Y000

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JA98069-1R	01/26/12	09:00	EL	01/27/12	SO	Soil	RA-9 (8-10)
JA98069-2R	01/26/12	10:00	EL	01/27/12	SO	Soil	RA-13 (6-8)
JA98069-3R	01/26/12	11:00	EL	01/27/12	SO	Soil	RA-16 (6-8)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Roux Associates	**Job No**	JA98069R
Site:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway,	**Report Date**	2/21/2012 5:04:54 PM

On 01/27/2012, 3 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JA98069R was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Wet Chemistry By Method SW846 3060A/7196A

Matrix: SO **Batch ID:** GP63122

- All samples were prepared within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA98069-3RDUP, JA98069-3RMS were used as the QC samples for Chromium, Hexavalent.
- Matrix Spike Recovery(s) for Chromium, Hexavalent are outside control limits. Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
- GP63122-S1 for Chromium, Hexavalent: Soluble XCR matrix spike recovery indicates possible matrix interference. Good post spike recovery (105%) on this sample.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

New Jersey ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	RA-9 (8-10)		
Lab Sample ID:	JA98069-1R	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
		Percent Solids:	82.1
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.49	0.49	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-13 (6-8)		
Lab Sample ID:	JA98069-2R	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
		Percent Solids:	88.9
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	02/21/12 12:11	SY	SW846 3060A/7196A

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RA-16 (6-8)		
Lab Sample ID:	JA98069-3R	**Date Sampled:**	01/26/12
Matrix:	SO - Soil	**Date Received:**	01/27/12
		Percent Solids:	93.4
Project:	Rego Park Z Property, Vornado, 93-30 Horace Harding Expressway, Queens, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.43	0.43	mg/kg	1	02/21/12 11:28	SY	SW846 3060A/7196A

RL = Reporting Limit

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

50

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www. acutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JA98069

Client / Reporting Information

Company Name: Roux Associates
Street Address: 209 Shafter St.
City: Islandia State: NY Zip: 11749
Project Contact: Josh Levine E-mail: jlevine@rouxinc.com
Phone #: (631) 232-2600 Fax #: 9898
Sampler(s) Name(s): E. Livingstone Phone #: (631) 926-2552

Project Information

Project Name: Rego Park Z Property, Vornado
Street: 93-30 Horace Harding Expy
City: Queens State: NY
Project #: 0987.00164000
Client Purchase Order #:
Project Manager: Josh Levine

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	D Water	MEOH	ENCORE	TCLP, MI, SVOC, Metals, PPCB, HERB (NYS Part 375)	VOCs	HERB	Metals	PPCB	SVOC	LAB USE ONLY
	~~[illegible]~~		~~1/26/12~~	~~0930~~	~~EL~~	~~WW~~	~~10~~	~~3~~		~~1~~		~~6~~					✓	✓	✓	✓	✓	EX76
	~~TRIP BLANK~~					~~WW~~	~~2~~	~~2~~									✓					1946
-1	RA-9 (8-10)		1/26/12	0920	EL	SO	3					3				✓	✓					%70
-2	RA-13 (6-8)		1/26/12	1000	EL	SO	3					3				✓	✓					
-3	RA-16 (6-8)		1/26/12	1100	EL	SO	3					3				✓	✓					

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [x] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [x] Other Electronic

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Turnaround Time: Standard (w/in hold time)
Data Deliverable: Electronic
Analysis: NY State Part 375
no field or trip blank

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 E. Livingstone	1/26/12 1600	1 Chris Laul	2 Chris Laul	1575 1/27/12	2 [signature]
3		3	4		4
5		5	Custody Seal # 720 recd	☑ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☒ Cooler Temp. 3°C

1A

TN 1/27/12

B

SC

4.1

4

JA98069R: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JA98069 **Client:**

Date / Time Received: 1/27/2012 **Project:**

No. Coolers: 1 **Airbill #'s:** **Delivery Method:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Bar Therm		
3. Cooler media:	Ice (Bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JA98069R: Chain of Custody
Page 2 of 3

Job Change Order: JA98069_2/16/2012 R

Requested Date:	2/16/2012	**Received Date:**	1/27/2012
Account Name:	Roux Associates	**Due Date:**	2/10/2012
Project	Rego Park Z Property, Vornado, 93-30 Horace	**Deliverable:**	NYASPB
CSR:	MV	**TAT (Days):**	3

Sample #:
JA98069-1, 2, 3

Change: Relog for XXCRAR

Above Changes Per: Liz Livingstone **Date:** 2/16/2012

To Client: This Change Order is confirmation of the revisions, previously discussed with the Accutest Client Service

Page 1 of 1

JA98069R: Chain of Custody
Page 3 of 3

APPENDIX B

Soil Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-9	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/26/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**12' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown, fine to coarse SAND and GRAVEL (fill), moist		0.0	
		Brown, fine to coarse SAND and GRAVEL, trace wood (fill), moist		G	
5		Dark brown to gray, fine to coarse SAND and GRAVEL, trace brick (fill), moist		0.0	5
		Red brown, BRICK, some fine to coarse sand and coarse gravel (fill), moist			
		Brown to gray and black, fine to coarse SAND and GRAVEL, some brick (fill), moist			Collect Sample RA-9 (8'-10')
10		Dark gray to brown, fine to coarse SAND, some gravel, trace silt and brick (fill), moist		0.0	10
		Red brown, fine to coarse SAND and Gravel, trace silt (fill), moist		0.1	
		Dark brown to gray, fine to coarse SAND and GRAVEL, trace silt (fill), wet		0.0	
	▽ GROUND WATER LEVEL 1/26/12				
15					End of boring 15

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-10	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/25/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**15' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown to gray, fine to coarse SAND and GRAVEL (fill), moist		7.9	
				8.8	
				2.4	
5		Dark brown to black, fine to coarse SAND and GRAVEL (fill), moist		2.4	5
		Dark brown, fine to coarse SAND, little gravel (fill), moist		0.2	Collect Sample RA-10 (6'-8')
		Black, white, brown and gray, medium to coarse SAND and GRAVEL (fill), moist		0.9	
		Dark brown, fine to coarse SAND, little gravel, trace silt (fill), moist		1.6	
10				1.6	10
		Dark brown, fine to coarse SAND, little gravel and silt (fill), moist		0.2	
		Brown to gray, fine to coarse SAND, little gravel and silt (fill), moist to wet		1.0	
15					End of boring 15

GROUND WATER LEVEL 1/25/12

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-11	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/25/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**13' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown, medium to coarse SAND and GRAVEL, trace brick (fill), moist		0.0	
				0.2	
				0.0	
5					5
		Black to brown, medium to coarse SAND and GRAVEL (fill), moist		0.0	
		Gray to brown, fine to coarse SAND and GRAVEL (fill), moist			
10					10
		Gray, medium to coarse SAND and GRAVEL (fill), moist		0.0	
		Brown, medium to coarse SAND and GRAVEL (fill), moist			Collect Sample RA-11 (12'-14')
		Gray, medium to coarse SAND and GRAVEL (fill), wet			
	▽ GROUND WATER LEVEL 1/25/12				
		Black to brown, fine to coarse SAND, some gravel, trace silt (fill), wet			
		Gray, medium to coarse Sand and GRAVEL, trace silt (fill), wet			
15					End of boring 15

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-12	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/25/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**14' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown, medium to coarse SAND and GRAVEL (fill), moist		1.1	Collect Sample RA-12 (1'-3')
				0.9	
5		Brown, fine to coarse SAND, little gravel (fill), moist		0.1	
		Dark brown to gray, fine to coarse SAND and GRAVEL (fill), moist		0.0	
10				0.2	
		Dark brown, fine to coarse SAND and GRAVEL, some wood chips and glass (fill), moist		0.0	
	▽ GROUND WATER LEVEL 1/25/12				
15		Dark brown, medium to coarse SAND and GRAVEL (fill), wet			End of Boring

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-13	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C.Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/26/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**12' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown to gray, fine to coarse SAND and GRAVEL (fill), wet		0.0	
				0.0	
			G		
				0.1	
5					5
		Dark brown to gray, fine to coarse SAND and GRAVEL, trace silt (fill), moist		0.1	
				13.0	Collect Sample RA-13 (6'-8')
		Gray to brown, wood (fill), moist		1.8	
		Gray and Red, coarse BRICK and GRAVEL (fill), moist		0.0	
		Black, medium to coarse SAND and coarse GRAVEL (fill), moist		15.6	
		Tan, white and black, fine to coarse SAND and coarse GRAVEL (fill), moist		8.0	
10				8.0	10
GROUND WATER LEVEL 01/26/2012		Brown, fine to coarse SAND and coarse GRAVEL, trace glass (fill), wet		6.9	
		Black, fine to coarse SAND and coarse GRAVEL (fill), wet		12.8	
		Brown to gray, fine to coarse SAND and GRAVEL, some glass and wood, trace silt (fill), wet			
15					End of boring 15

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-14	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/25/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**12' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, TOPSOIL, some coarse rock (fill), moist		1.5	
		Dark brown, medium to coarse SAND and GRAVEL (fill), wet		0.6	
				1.6	
5				1.6	5
		Dark brown to black, medium to coarse SAND and GRAVEL, trace brick (fill), moist		3.3	
		Brown, fine to coarse SAND, some gravel, trace black rock (fill), moist		0.3	
10					10
		Brown, fine to coarse SAND, some silt, little gravel (fill), wet		38.7	Collect Sample RA-14 (10'-12')
	▽ GROUND WATER LEVEL 1/25/12	Brown, wood, chemically treated wood odor (fill), wet		406	
		White to gray, wood, chemically treated wood odor (fill), wet			
		Brown, wood, chemically treated wood odor (fill), wet			
15					End of boring 15

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-15	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/25/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**11' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, TOPSOIL (fill), moist		0.0	
		Dark brown, medium to coarse SAND and GRAVEL (fill), moist			
5		Brown to black, medium to coarse SAND and GRAVEL (fill), moist		0.0	5
		Black, white and brown, medium to coarse SAND and GRAVEL, trace silt (fill), moist			Collect Sample RA-15 (9'-11')
10				0.0	10
		Brown to gray, medium to coarse SAND and GRAVEL, trace silt (fill), wet			
	▽ GROUND WATER LEVEL 1/25/12				
15					End of boring 15

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

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SOIL BORING LOG

WELL NO.	NORTHING	EASTING
RA-16	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
0987.0016Y000 / Vornado Rego Park Z Property	**93-30 Horace Harding Boulevard**
APPROVED BY: **E. Livingstone** / LOGGED BY: **C. Prete**	**Rego Park, NY**
DRILLING CONTRACTOR/DRILLER: **ADT / Andrea**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inches / Drive Sampler	**2-inches**	**6620 / Geoprobe**	**2" Macro-Core**	**1/24/12-1/26/12**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**12' bls (Feet BLS)**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Asphalt			
		Dark brown to gray, medium to coarse SAND and GRAVEL (fill); moist		0.2 31.8	
				22.8	
5		Dark brown to gray, fine to coarse SAND and GRAVEL, trace brick and wood (fill); moist		22.8 45.2	Collect Sample RA-16(6'-8')
		Gray and tan, fine to coarse SAND and coarse GRAVEL (fill), moist		0.0	
		Dark brown to gray, fine to coarse SAND and GRAVEL, trace silt (fill), moist		0.0	
10				0.0	
	▽ GROUND WATER LEVEL 1/26/12	Dark brown to gray, fine to coarse SAND and GRAVEL, trace silt (fill), wet		43.0	
15					End of boring

BORING/FEET 0987.0016Y000.GPJ ROUX.GDT 3/6/12

LANGAN

Technical Memorandum

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444

To: Frank Bonura, AIA, LEED AP – Vornado Realty Trust

From: Jason Hayes – Langan

Cc: Brian Cantrell – Vornado; Stuart Knoop – Langan

Date: October 19, 2021

Re: Supplemental Subsurface Investigation
Rego Center III
Rego Park, Queens, New York
NYSDEC BCP No. C241259
Langan Project No.: 170683801

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) completed a Supplemental Subsurface Investigation (SSI) on behalf of Alexander's of Rego Park III, Inc. for Rego Park Center III ("the site"), which is located at 61-10 Junction Boulevard and 93-30 93rd Avenue in the Rego Park neighborhood of Queens, New York.

The SSI was performed to supplement a Brownfield Cleanup Program (BCP) Application (BCP No. C241259) that was submitted to the New York State Department of Environmental Conservation (NYSDEC) on July 9, 2021. NYSDEC issued a Letter of Completeness on September 17, 2021, and the 30-day public comment period for the application commenced on September 29, 2021. Based on NYSDEC's initial eligibility review, Vornado requested that Langan conduct subsurface investigation in order to obtain current data to supplement previous documentation of subsurface contamination at the site. Three previous investigations at the site identified metals throughout the site at concentrations above the Title 6 of the New York Codes, Rules and Regulations Part 375 Restricted Use-Restricted-Residential (RRU) Soil Cleanup Objectives (SCOs) and hazardous lead at concentrations above the United States Environmental Protection Agency (EPA) Hazardous Waste Limit (HWL).

As presented below, the SSI confirmed Langan's prior assessment of site conditions and identified additional site contamination, including lead, copper, and several semivolatile organic compounds (SVOCs) at concentrations above the Part 375 RRU SCOs.

Site Background

The site is currently identified as Block 2076, Lots 50 and 63; Block 2077, Lots 90 and 98; the demapped former 94th Place; and a demapped section of 62nd Avenue on the Queens Borough Tax Map. A merger of the proposed BCP site into a single lot with metes and bounds that correspond to the proposed site boundaries is pending. A site location map is included as Figure 1. Planned development concurrent with site remediation includes construction of an

approximately 89,000-square-foot, 32-story mixed-use residential and commercial building on the eastern part of the site and an approximately 51,000-square-foot low-rise retail building on the western part of the site. The mixed-use building will contain parking and storage in the cellar; retail, parking, and community space on the ground floor; parking and retail space on the second and third floors; and residential units on the upper floors. At least 30% of the residential apartments will be designated as affordable housing, pursuant to the 421-a Affordable Housing NY Program.

The site encompasses an area of about 141,570 square feet (about 3.25 acres) and is currently used as a private parking lot, with the exception of a portion of Lot 50 and the demapped portion of 62nd Avenue, which are used as a vehicle turning bay at the eastern terminus of 62nd Avenue. The site is bound by the Horace Harding Expressway to the north, Junction Boulevard, followed by a mixed-use residential and commercial use building to the east, 62nd Avenue and the Lost Battalion Hall Playground to the south, and 93rd Street followed by mixed-use residential and commercial buildings and parking lots to the west. In addition to commercial truck staging and maintenance, which ceased in the early 2000s, the site was historically used for vehicle repair (1995) and a gasoline filling station (1950).

The following areas of concern (AOCs) related to historical site use were identified, based on environmental investigations conducted in 1994, 2004, and 2012.

- **AOC 1: Historical Vehicle Repair, Filling Station, and Potential Underground Storage Tanks (USTs)**

  Historical operations at the site included a gasoline filling station (1950), a vehicle repair shop (1995), and commercial truck repair operations (1981 through early 2000s). A 2004 Phase II Environmental Site Assessment (ESA) identified two geophysical anomalies indicative of USTs on the northern portion of the site. A March 2012 Supplemental Phase II ESA documented odors, organic vapors above background conditions, and buried vehicle parts in an excavation near the potential USTs.

- **AOC 2: Potential Petroleum Impacts**

  A 1994 Evaluation of Existing Parking Lot Fill identified Total Petroleum Hydrocarbon (TPH) concentrations above 1,000 parts per million (ppm), which are indicative of petroleum impacts, at four locations. Odors and organic vapors above background conditions were also observed between about 1 and 12 feet below grade surface (bgs) in three borings advanced during the 2012 Supplemental Phase II ESA.

- **AOC 3: Lead-Impacted Soil**

  The three previous investigations identified Toxicity Characteristic Leaching Procedure (TCLP) lead concentrations above the EPA HWL between 0 and 10 feet bgs at four locations.

The laboratory analytical results of soil sampling conducted during the three previous investigations are shown on Figure 2.

Field Investigation

The SSI field investigation was conducted on October 8 and 11, 2021 and included:

- A geophysical survey
- Advancement of 17 soil borings to a depth of about 12 feet bgs
- Collection of 9 soil samples for analysis of volatile organic compounds (VOCs), SVOCs, and metals

Geophysical Survey

Nova Geophysical Services (NOVA) of Douglaston, New York conducted a geophysical survey throughout accessible areas of the site on October 8, 2021. The survey included the use of ground penetrating radar (GPR) and electromagnetic detectors to locate potential subsurface utilities, USTs and/or subsurface structures, and to clear proposed boring locations of potential subsurface obstructions. The geophysical report prepared by NOVA is included as Attachment 1.

Soil Investigation

A total of 17 soil borings were advanced to a depth of about 12 feet bgs using a Geoprobe® 6610DT direct-push drill rig operated by AARCO Environmental Services Corp. (AARCO) of Lindenhurst, New York. The area near the suspected UST identified during the 2004 Phase II ESA was not accessible, due to the presence of a temporary trailer used for COVID-19 testing. Ten borings were advanced near another suspected UST and fill port identified in the northern part of the site during the 2021 geophysical survey, and seven borings were advanced at various locations on the western, central, and southeastern parts of the site. Soil was inspected for visual and olfactory evidence of impacts, and screened for organic vapors with a photoionization detector (PID). Nine grab soil samples were collected for laboratory analysis from five borings (SB01, SB02, SB03-W, SB06, and SB07-NE). Figure 3 shows the soil boring locations, and Table 1 summarizes the analytical results of the soil sampling analyses. Soil boring logs are provided as Attachment 2.

Soil samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to Alpha Analytical Laboratories (Alpha). Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Samples were analyzed for VOCs, SVOCs, and metals under New York State Analytical Services Protocol (ASP) Category B. In addition, quality control/quality assurance (QA/QC) samples, including a duplicate, field blank and trip blanks were collected and analyzed.

Observations and Results

Geophysical Survey

- An approximately 8-foot by 15-foot geophysical anomaly resembling a potential UST was identified in the northern part of the site. An anomaly indicative of a fuel fill port was identified in the northern sidewalk and connected to a buried pipe that extended about 50 feet southward onto the site before terminating about 30 feet east of the apparent UST.
- Subsurface utilities including electric, water and sewer were identified throughout the site.

Field Observations

Historic fill was observed beneath the 3- to 4-inch-thick asphalt surface cover and extends to depths between about 2 and 12 feet bgs. The fill primarily consists of brown, fine- to medium-grained sand with varying amounts of slag, metal, wood, clay, silt, gravel, concrete, brick, and coal. Native soil was observed at depth in eight borings and consists of fine- to medium-grained sand with varying amounts of gravel, clay and silt. Apparent groundwater was observed between about 11 and 12 feet bgs.

Soil recovered from nine borings exhibited indications of petroleum impacts, based on staining, odors, and/or PID readings above background. Maximum detected PID readings and other observations of petroleum impacts were as follows:

- SB03_N: 18 ppm at 3 feet bgs
- SB03_E: 8 ppm at 11 feet bgs
- SB03_W: 53 ppm at 7.5 feet bgs
- SB04: 12 ppm at 9.5 feet bgs; petroleum-like odor at 5.5 to 6.5 feet bgs and at 9.5 feet bgs
- SB05: 7.2 ppm at 7 feet bgs.
- SB07: 50.6 ppm at 2.5 feet bgs; petroleum-like odor and staining at 2 to 3 feet bgs
- SB07_NE: 46.8 ppm at 2 feet bgs; petroleum-like odor and staining at 0.5 to 3 feet bgs and 11 to 12 feet bgs; petroleum like odor at 4 to 8 feet bgs
- SB07_S: Staining at 1 to 2.5 feet bgs
- SB07_SE: Petroleum-like odor and staining at 1.5 to 2 feet bgs

Soil borings prefaced as SB03 and SB07 were advanced around the apparent UST and buried petroleum fill line that were identified during the geophysical survey, respectively.

Soil Analytical Results

Nine soil samples were submitted for laboratory analysis. Analytical results were compared to Part 375 RRU SCOs. Compounds that exceeded the RRU SCOs are summarized below.

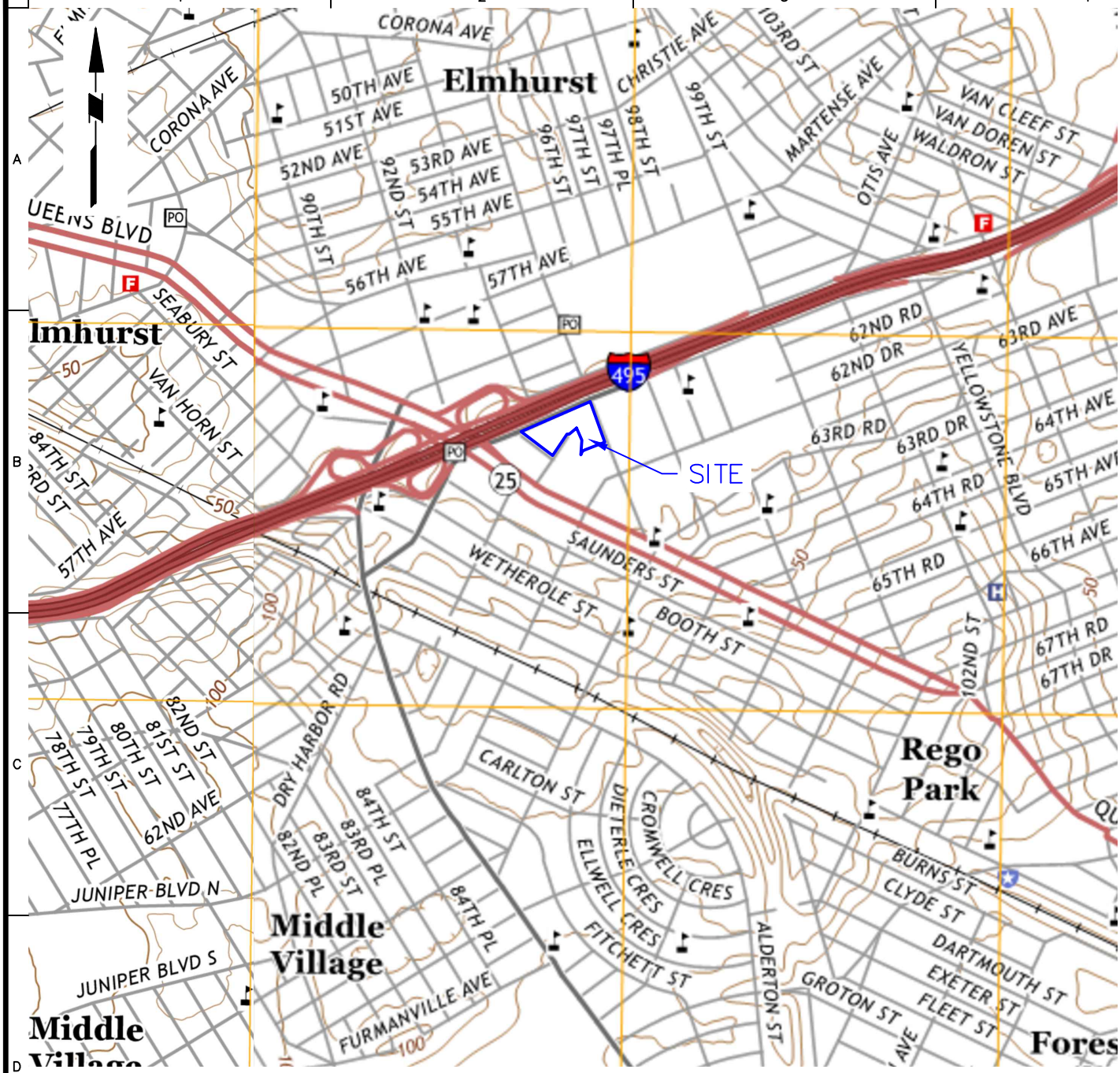
Maximum detected concentrations are shown in parentheses. Soil sample analytical results are summarized in Table 2.

- VOCs – VOCs were not detected at concentrations above the RRU SCOs.
- SVOCs – SVOCs were detected at concentrations above RRU SCOs in two samples collected from soil borings SB01 (10 to 12 feet bgs) and SB06 (0 to 2 feet bgs).
    - Benzo(a)anthracene (2.9 milligrams per kilogram [mg/kg] – SB01_10-12)
    - Benzo(a)pyrene (2.4 mg/kg – SB01_10-12)
    - Benzo(b)fluoranthene (2.8 mg/kg – SB01_10-12)
    - Chrysene (2.4 mg/kg – SB01_10-12)
    - Indeno(1,2,3-cd)pyrene (1.4 mg/kg – SB01_10-12; 0.63 mg/kg – SB06_0-2)
- Metals – Metals were detected at concentrations above the RRU SCOs in two samples collected from soil boring SB06 from 0 to 2 feet bgs and 6 to 8 feet bgs.
    - Copper (287 mg/kg – SB06_6-8)
    - Lead (773 mg/kg – SB06_0-2)

The laboratory analytical reports are provided as Attachment 3.

Enclosure(s):
Figure 1 – Site Location Map
Figure 2 – Previous Investigation Soil Sample Results Plan
Figure 3 – SSI Boring Location Plan
Table 1 – Sample Summary
Table 2 – Soil Sample Analytical Results Summary
Attachment 1 – Geophysical Survey Report
Attachment 2 – Soil Boring Logs
Attachment 3 – Laboratory Analytical Reports

Figures



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LEGEND:

APPROXIMATE SITE BOUNDARY

NOTES:

BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5–MINUTE SERIES BROOKLYN, N.Y., AND JAMAICA N.Y., QUADRANGLE MAPS, DATED 2016

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Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project	REGO PARK CENTER III BLOCK No. 2076, LOT Nos. 50 & 63 BLOCK No. 2077, LOT Nos. 90 & 98 QUEENS NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170683801
Figure No.	1
Date	6/28/2021
Scale	N.T.S
Drawn By	JG
Checked By	JL
Submission Date	–

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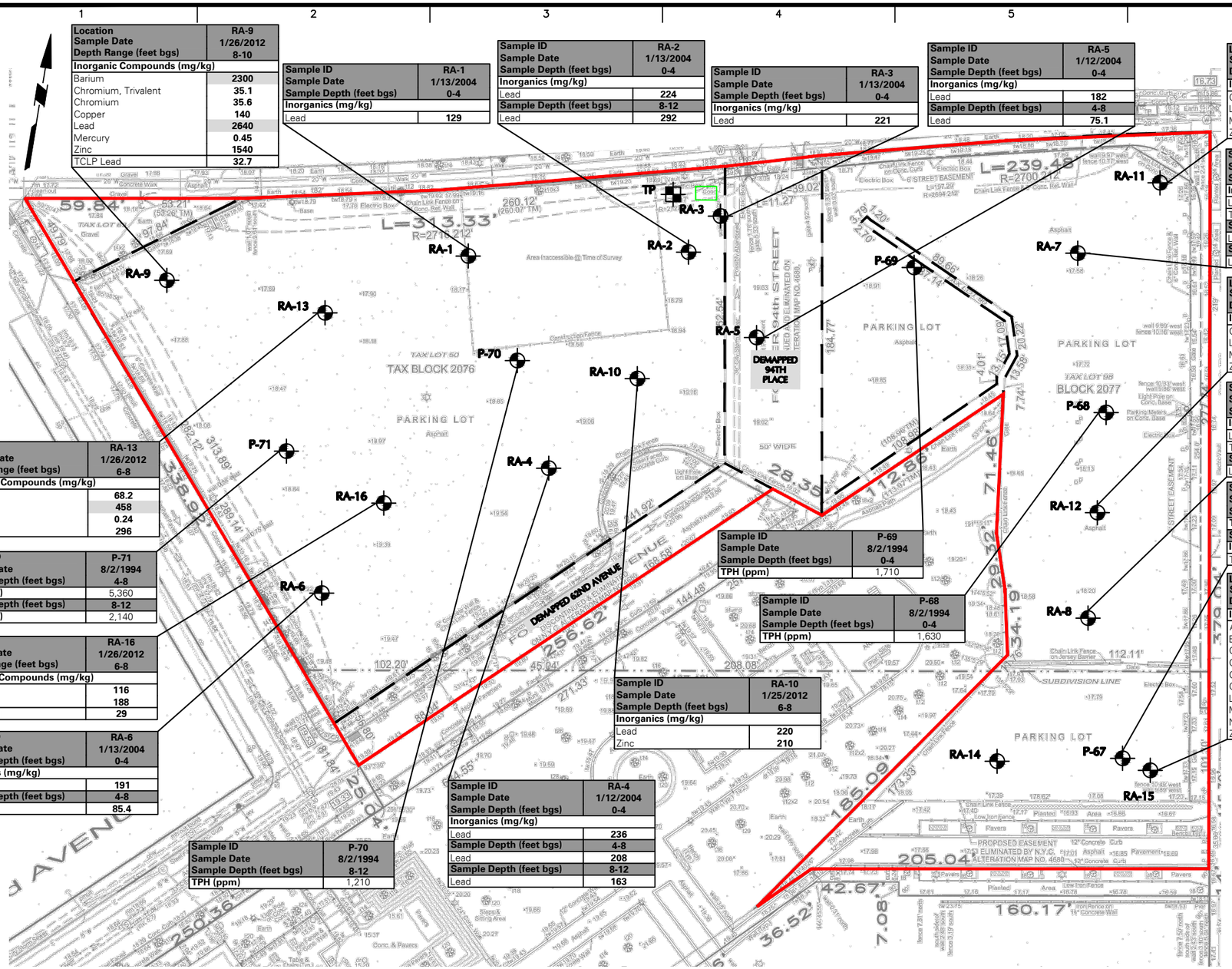
Filename: \\langan.com\data\NYC\data8\170683801\Project Data\CAD\01\SheetFiles\Environmental\RIWP\Figure 1 - Site Location Map.dwg Date: 6/28/2021 Time: 19:56 User: jgolding Style Table: Langan.stb Layout: ANSIA-BP



Location Sample Date Depth Range (feet bgs)	RA-9 1/26/2012 8-10
Inorganic Compounds (mg/kg)	
Barium	2300
Chromium, Trivalent	35.1
Chromium	35.6
Copper	140
Lead	2640
Mercury	0.45
Zinc	1540
TCLP Lead	32.7

Sample ID Sample Date Sample Depth (feet bgs)	RA-1 1/13/2004 0-4
Inorganics (mg/kg)	
Lead	129

Sample ID Sample Date Sample Depth (feet bgs)	RA-2 1/13/2004 0-4
Inorganics (mg/kg)	
Lead	224
Sample Depth (feet bgs)	**8-12**
Lead	292

Sample ID Sample Date Sample Depth (feet bgs)	RA-3 1/13/2004 0-4
Inorganics (mg/kg)	
Lead	221

Sample ID Sample Date Sample Depth (feet bgs)	RA-5 1/12/2004 0-4
Inorganics (mg/kg)	
Lead	182
Sample Depth (feet bgs)	**4-8**
Lead	75.1

Location Sample Date Depth Range (feet bgs)	RA-11 1/25/2012 12-14
Inorganic Compounds (mg/kg)	
Copper	58.9
Lead	572
Mercury	0.83
Zinc	137

Sample ID Sample Date Sample Depth (feet bgs)	RA-7 1/12/2004 0-4
Inorganics (mg/kg)	
Lead	719
TCLP Lead	914
Sample Depth (feet bgs)	**4-8**
Lead	197
Sample Depth (feet bgs)	**8-12**
Lead	522

Location Sample Date Depth Range (feet bgs)	RA-12 1/24/2012 1-3
Inorganic Compounds (mg/kg)	
Copper	388
Lead	837
Mercury	0.33
Zinc	392

Sample ID Sample Date Sample Depth (feet bgs)	RA-8 1/12/2004 0-4
Inorganics (mg/kg)	
Lead	1170
TCLP Lead	17.4
Sample Depth (feet bgs)	**8-12**
Lead	612

Sample ID Sample Date Sample Depth (feet bgs)	P-67 8/2/1994 0-4
TPH (ppm)	1,790
Sample Depth (feet bgs)	**4-8**
Inorganics (mg/kg)	
TCLP Lead	9.4

Location Sample Date Depth Range (feet bgs)	RA-15 1/25/2012 9-11
Inorganic Compounds (mg/kg)	
Arsenic	15.1
Barium	967
Cadmium	2.9
Chromium, Trivalent	38.2
Chromium	38.2
Copper	246
Lead	1720
Mercury	0.33
Nickel	49.1
Zinc	1930

Location Sample Date Depth Range (feet bgs)	RA-13 1/26/2012 6-8
Inorganic Compounds (mg/kg)	
Copper	68.2
Lead	458
Mercury	0.24
Zinc	296

Sample ID Sample Date Sample Depth (feet bgs)	P-71 8/2/1994 4-8
TPH (ppm)	5,360
Sample Depth (feet bgs)	**8-12**
TPH (ppm)	2,140

Location Sample Date Depth Range (feet bgs)	RA-16 1/26/2012 6-8
Inorganic Compounds (mg/kg)	
Lead	116
Zinc	188
TCLP Lead	29

Sample ID Sample Date Sample Depth (feet bgs)	RA-6 1/13/2004 0-4
Inorganics (mg/kg)	
Lead	191
Sample Depth (feet bgs)	**4-8**
Lead	85.4

Sample ID Sample Date Sample Depth (feet bgs)	P-70 8/2/1994 8-12
TPH (ppm)	1,210

Sample ID Sample Date Sample Depth (feet bgs)	RA-4 1/12/2004 0-4
Inorganics (mg/kg)	
Lead	236
Sample Depth (feet bgs)	**4-8**
Lead	208
Sample Depth (feet bgs)	**8-12**
Lead	163

Sample ID Sample Date Sample Depth (feet bgs)	RA-10 1/25/2012 6-8
Inorganics (mg/kg)	
Lead	220
Zinc	210

Sample ID Sample Date Sample Depth (feet bgs)	P-69 8/2/1994 0-4
TPH (ppm)	1,710

Sample ID Sample Date Sample Depth (feet bgs)	P-68 8/2/1994 0-4
TPH (ppm)	1,630

LEGEND:

- SITE BOUNDARY
- CURRENT TAX LOT BOUNDARIES
- RA-1 SOIL SAMPLE LOCATION
- TP TEST PIT LOCATION (2012)
- GEOPHYSICAL SURVEY ANOMALY (POTENTIAL UNDERGROUND STORAGE TANK LOCATION)
- 719 COMPOUND EXCEEDS NYSDEC PART 375 RESTRICTED USE RESTRICTED-RESIDENTIAL SCOs

NOTES:

1. BASE MAP IS REFERENCED FROM THE SURVEY PREPARED BY MONTROSE SURVEYING CO. LLP., DATED SEPTEMBER 16, 2016.
2. TCLP = TOXICITY CHARACTERISTIC LEACHING PROCEDURE
3. TPH = TOTAL PETROLEUM HYDROCARBONS
4. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE AND RESTRICTED USE RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCO), AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) HAZARDOUS WASTE LIMIT (HWL).
5. DETECTED ANALYTICAL RESULTS ABOVE UNRESTRICTED USE SCOS OR USEPA REGULATORY LIMITS ARE BOLDED.
6. DETECTED ANALYTICAL RESULTS ABOVE RESTRICTED USE RESTRICTED RESIDENTIAL SCOS ARE SHADED.
7. BGS = BELOW GRADE SURFACE
8. MG/KG = MILLIGRAMS PER KILOGRAM
9. TCLP LEAD RESULTS IN MILLIGRAMS PER LITER (MG/L)
10. TPH RESULTS IN PARTS PER MILLION (PPM) WHERE GREATER THAN 1,000 PPM

Analyte	USEPA HWL
Inorganics (mg/L)	
TCLP Lead	5

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
Inorganics (mg/kg)		
Arsenic	13	16
Barium	350	400
Cadmium	2.5	4.3
Chromium, Trivalent	30	180
Chromium	30	180
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	10000

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60 0 30 60
SCALE IN FEET

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Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project
REGO PARK CENTER III
BLOCK No. 2076, LOT Nos. 50 & 63
BLOCK No. 2077, LOT Nos. 90 & 98
QUEENS **NEW YORK**

Figure Title
PREVIOUS INVESTIGATION SOIL SAMPLE RESULTS PLAN

Project No. 170683801	Figure No. 2
Date 6/28/21	
Scale 1"=60'	
Drawn By JG / Checked By JL	
Submission Date –	Sheet 2 of 3

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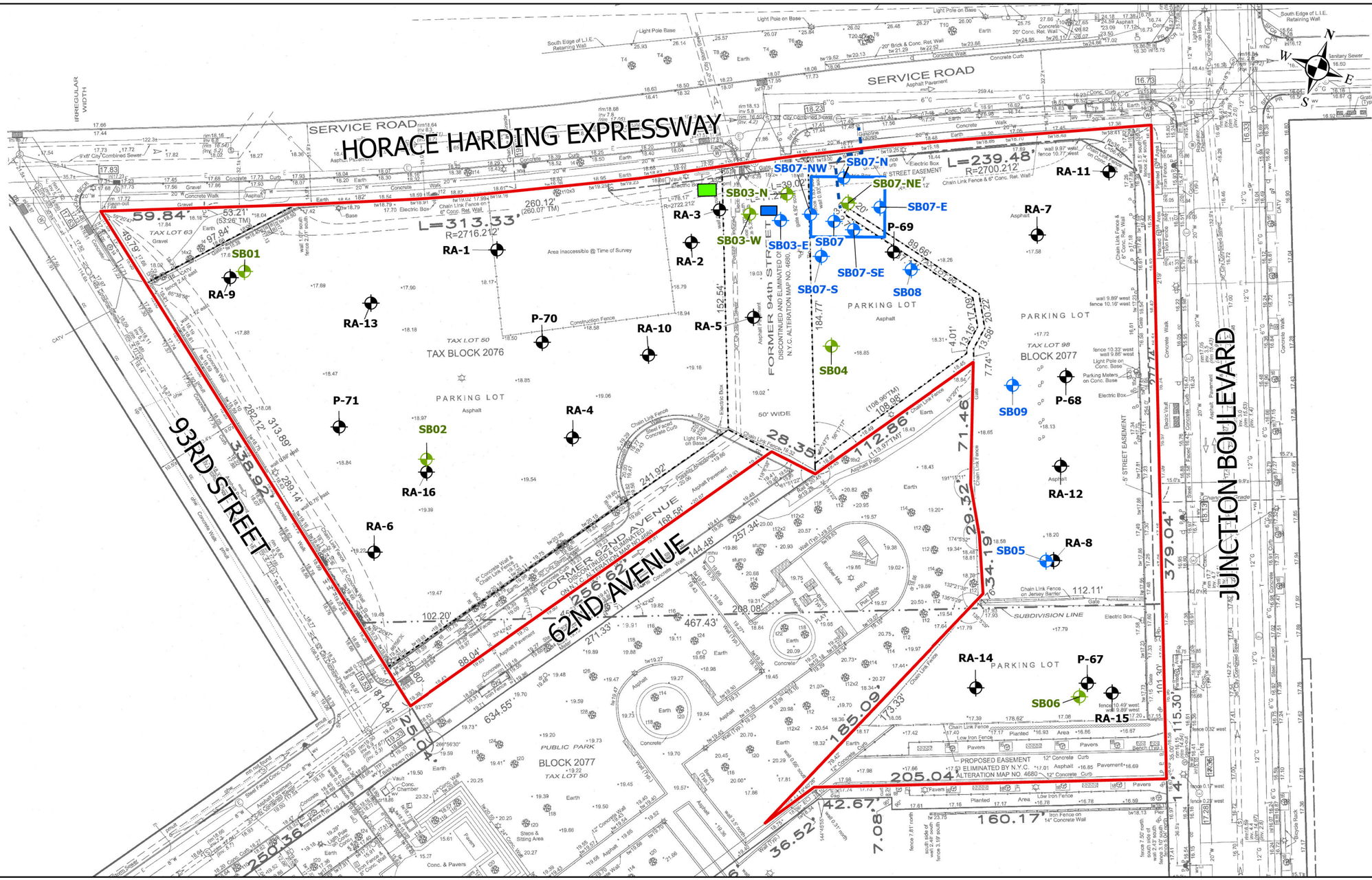
Filename: \\langan.com\data\NYC\data8\170683801\Project Data\CAD\01\SheetFiles\Environmental\RIWP\Figure 2 - Soil Sample Location and Results Map.dwg Date: 7/7/2021 Time: 15:20 User: jgolding Style Table: Langan.stb Layout: ANSIB-BL


HORACE HARDING EXPRESSWAY
SERVICE ROAD
93RD STREET
62ND AVENUE
JUNCTION BOULEVARD
FORMER 94th STREET
DISCONTINUED AND ELIMINATED BY N.Y.C. ALTERATION MAP NO. 4680
FORMER 62ND AVENUE
ON N.Y.C. ALTERATION MAP NO. 4680
TAX BLOCK 2076
TAX LOT 50
TAX LOT 63
BLOCK 2077
TAX LOT 50
TAX LOT 98
PARKING LOT
PUBLIC PARK
SUBDIVISION LINE
PROPOSED EASEMENT ELIMINATED BY N.Y.C. ALTERATION MAP NO. 4680
SB01
SB02
SB03-N
SB03-W
SB03-E
SB04
SB05
SB06
SB07
SB07-N
SB07-NW
SB07-NE
SB07-E
SB07-S
SB07-SE
SB08
SB09
RA-1
RA-2
RA-3
RA-4
RA-5
RA-6
RA-7
RA-8
RA-9
RA-10
RA-11
RA-12
RA-13
RA-14
RA-15
RA-16
P-67
P-68
P-69
P-70
P-71
L=313.33'
R=2716.212'
L=239.48'
R=2700.212'
L=776.17'
R=2722.212'
260.12' (260.07' TM)
152.54'
184.77'
89.66'
112.86'
(106.96'TM)
108.96'
71.46'
29.32'
379.04'
634.19'
185.09'
205.04'
160.17'
42.67'
36.52'
7.08'
115.30'
173.33'
112.11'
102.20'
467.43'
271.33'
634.55'
256.62'
144.48'
257.34'
208.08'
241.92'
168.68'
88.04'
338.92'
282.12'
313.89'
289.14'
250.36'
59.84'
53.21' (53.26' TM)
97.84'
49.79'
81.84'
28.35'
50' WIDE
Area Inaccessible @ Time of Survey
Construction Fence
Chain Link Fence on 6" Concrete Rail Wall
Concrete Wall
Concrete Curb
Asphalt Pavement
Earth
Gravel
Concrete Walk
Steps & Sitting Area
Bench (Typ.)
Light Pole on Base
Electric Box
Vault
Sanitary Sewer
Grating (Typ.)
Chain Link Fence & 6" Conc. Ret. Wall
Low Iron Fence
Iron Fence on 14" Concrete Wall
Planted Area
Pavers
Bicycle Rack
Gate
Fence
Wall (Typ.)
Retaining Wall
Chain Link Fence on Jersey Barrier
Chain Link Fence on Steel Faced Concrete Curb
Chain Link Fence on Concrete Curb
Chain Link Fence & 6" Conc. Ret. Wall
Chain Link Fence & 6" Conc. Rail Wall
Chain Link Fence & 6" Conc. Rail Wall

Tables

Table 1
Sample Summary
Supplemental Subsurface Investigation
Rego Center III

Queens, New York
Langan Project No. 170683801

Sample No.	Sample ID	Type	Depth (feet bgs)	Date	Boring	Sampling Rationale	Analysis
SOIL							
1	SB01_10-12	Grab	10-12	10/8/2021	SB01	Lead-impacted area	Part 375/TCL VOCs and SVOCs, and TAL Metals
2	SB02_6-8		6-8		SB02		
3	SB03_N_6-8		6-8		SB03_N	Potential underground storage tank anomaly; organic vapors above background concentrations	
4	SB03_E_0-2		0-2		SB03_E		
5	SB03_E_5-7		5-7				
6	SB03_W_3-4		3-4		SB03_W		
7	SB04_5-7		5-7		SB04	Lead-impacted area	
8	SB04_9-10		9-10				
9	SB05_0-2		0-2		SB05		
10	SB05_6-8		6-8				
11	SB06_0-2		0-2	10/11/2021	SB06		
12	SB06_6-8		6-8				
13	SB07_NE_0-2		0-2		SB07_NE	Fill-line anomaly; organic vapors above background concentrations, staining, and odors	
QUALITY ASSURANCE/QUALITY CONTROL							
1	DUP02_101121		0-2	10/11/2021	SB06	Duplicate	Part 375/TCL VOCs and SVOCs, and TAL Metals
2	SB06_6-8_MS/MSD		6-8	10/11/2021	SB06	Matrix Spike/Matrix Spike Duplicate	
3	FB01_100821		-	10/8/2021	-	Field Blank	
4	TB01_100821		-	10/8/2021	-	Trip Blank	Part 375/TCL VOCs
5	TB02_101121		-	10/11/2021	-	Trip Blank	

Notes:
1. VOC = Volatile Organic Compound
2. SVOC = Semi-volatile Organic Compound
3. TCL = Target Compound List
4. TAL = Total Analyte List

Table 2
Supplemental Subsurface Investigation
Soil Sample Analytical Results

Rego Park Center III
Queens, New York
Langan Project No.: 170683801

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted Residential SCOs	Location	SB01	SB02	SB03_N	SB03_W	SB04	SB04	SB06	SB06	SB06	SB07_NE
			Sample Name	SB01_10-12	SB02_6-8	SB03_N_6-8	SB03_W_3-4	SB04_5-7	SB04_9-10	SB06_0-2	DUP02_101121	SB06_6-8	SB07_NE_0-2
			Sample Date	10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/8/2021	10/11/2021	10/11/2021	10/11/2021	10/11/2021
			Sample Depth	10-12	6-8	6-8	3-4	5-7	9-10	0-2	0-2	6-8	0-2
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds													
1,2,4,5-Tetramethylbenzene	95-93-2	NS	mg/kg	<0.0018 U	0.0004 J	<0.0021 U	<0.0021 U	<0.0019 U	0.0023 J	0.00092 J	0.0007 J	0.0008 J	0.0036
1,2,4-Trimethylbenzene	95-63-6	52	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	0.00071 J	<0.0026 U	<0.002 U	<0.0023 U	<0.0021 U
1,3,5-Trimethylbenzene	108-67-8	52	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	0.00038 J	<0.0026 U	<0.002 U	<0.0023 U	<0.0021 U
2-Butanone	78-93-3	100	mg/kg	<0.0089 U	0.0053 J	0.0046 J	<0.011 U	0.0064 J	<0.015 U	0.0085 J	0.0051 J	0.012	0.0049 J
Acetone	67-64-1	100	mg/kg	0.0078 J	0.016	0.018	0.031	0.021	0.0084 J	0.044	0.026	0.059	0.024
Ethylbenzene	100-41-4	41	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00071 J
Isopropylbenzene	98-82-8	NS	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	0.00043 J	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00052 J
n-Butylbenzene	104-51-8	100	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00064 J
n-Propylbenzene	103-65-1	100	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00074 J
Naphthalene	91-20-3	100	mg/kg	<0.0036 U	<0.0039 U	<0.0042 U	<0.0043 U	<0.0039 U	<0.006 U	<0.0052 U	<0.0041 U	<0.0046 U	0.0015 J
o-Chlorotoluene	95-49-8	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	<0.003 U	<0.0026 U	<0.002 U	<0.0023 U	0.0012 J
o-Xylene	95-47-6	NS	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	0.00069 J	0.00078 J	0.0019
p-Chlorotoluene	106-43-4	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	<0.003 U	<0.0026 U	<0.002 U	<0.0023 U	0.00025 J
p-Diethylbenzene	105-05-5	NS	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	<0.003 U	<0.0026 U	<0.002 U	<0.0023 U	0.0011 J
p-Isopropyltoluene	99-87-6	NS	mg/kg	<0.00089 U	0.00082 J	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	0.00015 J	<0.001 U
sec-Butylbenzene	135-98-8	100	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00065 J
Styrene	100-42-5	NS	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	<0.001 U	<0.0011 U	0.00066 J
tert-Butylbenzene	98-06-6	100	mg/kg	<0.0018 U	<0.0019 U	<0.0021 U	<0.0021 U	<0.0019 U	0.00031 J	<0.0026 U	<0.002 U	<0.0023 U	0.00037 J
Xylenes, Total	1330-20-7	100	mg/kg	<0.00089 U	<0.00097 U	<0.0011 U	<0.0011 U	<0.00097 U	<0.0015 U	<0.0013 U	0.00069 J	0.00078 J	0.0019
Semivolatile Organic Compounds													
2-Methylnaphthalene	91-57-6	NS	mg/kg	0.22 J	<0.21 U	<0.21 U	<0.22 U	0.031 J	<0.22 U	0.056 J	0.077 J	0.044 J	0.46
3-Methylphenol/4-Methylphenol	8-39-4/106-4	100	mg/kg	<0.27 U	<0.26 U	<0.25 U	<0.26 U	<0.27 U	<0.27 U	0.056 J	0.057 J	0.039 J	<0.25 U
Acenaphthene	83-32-9	100	mg/kg	0.8	0.046 J	<0.14 U	<0.15 U	0.042 J	0.024 J	0.056 J	0.049 J	0.027 J	0.046 J
Acenaphthylene	208-96-8	100	mg/kg	0.1 J	<0.14 U	<0.14 U	<0.15 U	0.056 J	0.033 J	0.16	0.21	0.051 J	<0.14 U
Acetophenone	98-86-2	NS	mg/kg	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	0.036 J	<0.18 U	<0.18 U	<0.2 U	<0.18 U
Anthracene	120-12-7	100	mg/kg	1.8	0.077 J	<0.1 U	<0.11 U	0.12	0.057 J	0.25	0.22	0.068 J	0.1 J
Benzo(a)anthracene	56-55-3	1	mg/kg	**2.9**	0.29	0.027 J	0.049 J	0.36	0.18	0.68	0.56	0.29	0.36
Benzo(a)pyrene	50-32-8	1	mg/kg	**2.4**	0.28	<0.14 U	0.049 J	0.34	0.2	0.76	0.77	0.33	0.34
Benzo(b)fluoranthene	205-99-2	1	mg/kg	**2.8**	0.34	0.04 J	0.065 J	0.53	0.26	0.98	0.97	0.44	0.5
Benzo(ghi)perylene	191-24-2	100	mg/kg	1.1	0.19	<0.14 U	0.038 J	0.25	0.15	0.57	0.58	0.3	0.27
Benzo(k)fluoranthene	207-08-9	3.9	mg/kg	0.98	0.11	<0.1 U	<0.11 U	0.14	0.1 J	0.33	0.31	0.14	0.14
Biphenyl	92-52-4	NS	mg/kg	0.058 J	<0.4 U	<0.4 U	<0.42 U	<0.43 U	<0.42 U	<0.41 U	<0.41 U	<0.45 U	0.046 J
Bis(2-ethylhexyl)phthalate	117-81-7	NS	mg/kg	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.18 U	0.25	0.13 J	<0.2 U	0.092 J
Carbazole	86-74-8	NS	mg/kg	0.47	0.022 J	<0.18 U	<0.18 U	0.03 J	0.021 J	0.049 J	0.043 J	0.032 J	0.041 J
Chrysene	218-01-9	3.9	mg/kg	2.4	0.28	0.025 J	0.061 J	0.38	0.21	0.7	0.57	0.31	0.36
Di-n-butylphthalate	84-74-2	NS	mg/kg	<0.19 U	<0.18 U	<0.18 U	<0.18 U	0.052 J	<0.18 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.27	0.047 J	<0.1 U	<0.11 U	0.064 J	0.033 J	0.14	0.14	0.063 J	0.066 J
Dibenzofuran	132-64-9	59	mg/kg	0.47	0.018 J	<0.18 U	<0.18 U	0.022 J	<0.18 U	0.038 J	0.042 J	0.021 J	<0.18 U
Fluoranthene	206-44-0	100	mg/kg	6.1	0.52	0.034 J	0.072 J	0.7	0.35	1.3	1	0.44	0.64
Fluorene	86-73-7	100	mg/kg	0.84	0.043 J	<0.18 U	<0.18 U	0.052 J	0.027 J	0.07 J	0.067 J	0.032 J	0.095 J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	**1.4**	0.19	<0.14 U	0.037 J	0.053 J	0.14 J	**0.63**	**0.64**	0.29	0.29
Naphthalene	91-20-3	100	mg/kg	<0.39	0.028 J	<0.18 U	<0.18 U	0.034 J	0.038 J	0.081 J	0.11 J	0.19 J	0.22
Phenanthrene	85-01-8	100	mg/kg	5.9	0.25	<0.1 U	0.044 J	0.36	0.16	0.41	0.34	0.26	0.32
Pyrene	129-00-0	100	mg/kg	5	0.47	0.033 J	0.074 J	0.58	0.32	1.3	1	0.4	0.6
Metals													
Aluminum, Total	7429-90-5	NS	mg/kg	4310	3170	3560	4080	3,980	4,350	3,600	3,790	5,280	4,760
Antimony, Total	7440-36-0	NS	mg/kg	2.18 J	<4.06 U	<4.14 U	<4.16 U	0.853 J	3.2 J	4.29	1.58 J	11.2	1.5 J
Arsenic, Total	7440-38-2	16	mg/kg	8.73	2.97	1.22	2.7	5.17	6.6	5.51	4.6	5.6	3.41
Barium, Total	7440-39-3	400	mg/kg	112	25.6	23.3	34.3	101	95.6	98.5	86.1	188	127
Beryllium, Total	7440-41-7	72	mg/kg	0.295 J	0.179 J	0.198 J	0.224 J	0.272 J	0.236 J	0.484	0.39 J	0.387 J	0.405 J
Cadmium, Total	7440-43-9	4.3	mg/kg	0.295 J	0.292 J	0.174 J	0.416 J	1.03	0.613 J	1.24	1.01	0.664 J	0.81 J
Calcium, Total	7440-70-2	NS	mg/kg	14100	3160	1300	8360	6,950	16,700	8,230	16,500	4,940	10,300
Chromium, Total	7440-47-3	NS	mg/kg	13.4	9.28	9.51	11.6	52.4	25.2	16.7	14.9	15.4	17.4
Cobalt, Total	7440-48-4	NS	mg/kg	5.18	3.66	3.66	4.72	4.54	5.19	6.09	4.5	5.91	6.15
Copper, Total	7440-50-8	270	mg/kg	166	25.8	10.8	19.1	65.3	55.2	113	240	**287**	96.8
Iron, Total	7439-89-6	NS	mg/kg	10600	8410	8810	10200	13000	15600	15500	11600	20200	12200
Lead, Total	7439-92-1	400	mg/kg	238	87	13	73	268	347	**773**	**578**	266	308
Magnesium, Total	7439-95-4	NS	mg/kg	3450	1970	1450	2410	3800	4,440	2770	6070	1160	1780
Manganese, Total	7439-96-5	2000	mg/kg	178	159	175	231	178	172	153	120	290	202
Mercury, Total	7439-97-6	0.81	mg/kg	0.302	0.056 J	<0.067 U	0.083	0.185	0.203	0.606	0.276	0.293	0.148
Nickel, Total	7440-02-0	310	mg/kg	24.2	8.52	6.53	8.24	15	12.2	19.7	14.8	11.9	12.9
Potassium, Total	7440-09-7	NS	mg/kg	1320	385	340	408	562	623	490	418	505	478
Selenium, Total	7782-49-2	180	mg/kg	0.411 J	<1.62 U	<1.65 U	<1.66 U	<1.81 U	0.254 J	0.267 J	0.339 J	0.369 J	0.24 J
Silver, Total	7440-22-4	180	mg/kg	0.545 J	<0.812 U	<0.827 U	<0.831 U	<0.907 U	<0.876 U	<0.835 U	0.729 J	<0.922 U	<0.827 U
Sodium, Total	7440-23-5	NS	mg/kg	754	377	88.7 J	217	328	380	130 J	123 J	256	250
Vanadium, Total	7440-62-2	NS	mg/kg	19.2	15.5	14.9	17.3	20.4	25.2	32.8	29.6	20.7	24.6
Zinc, Total	7440-66-6	10000	mg/kg	130	60.5	24.8	48.6	250	126	430	298	282	370
General Chemistry													
Solids, Percent	SOLID	NS	Percent	87.2	92.6	94.2	91	56.6	88.5	91.3	90.1	82.5	91.7

Table 2
Supplemental Subsurface Investigation
Soil Sample Analytical Results

Rego Park Center III
Queens, New York
Langan Project No.: 170683801

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg = milligram per kilogram
RL - Reporting Limit
<RL - Not detected
1. Only detected analytes are shown in the table.
2. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 NYSDEC Part 375 Restricted Use Restricted Residential Soil Cleanup
3. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:
10 - Result exceeds NYSDEC Part 375 Restricted Use Restricted Residential SCOs.

Attachment 1
Geophysical Survey Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

Vacant Lot
61-10 Junction Boulevard,
Queens, New York 11374

NOVA PROJECT NUMBER:
21-2411

DATED:
October 15, 2021

PREPARED FOR:

LANGAN

21 Penn Plaza
360 West 31st Street, 8th Floor
Brooklyn, New York 11217-2727

PREPARED BY:

NOVA
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October 15, 2021

Joshua Golding, P.E.
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Re: Geophysical Engineering Survey (GES) Report
Vacant Lot
61-10 Junction Boulevard,
Queens, New York 11374

Dear Mr. Golding,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 61-10 Junction Boulevard, Queens, New York 11374 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures on October 8th, 2021.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is 3sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where

there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

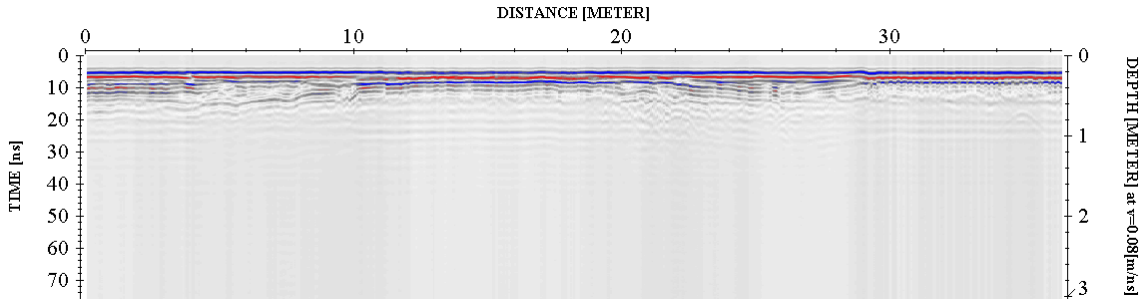
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

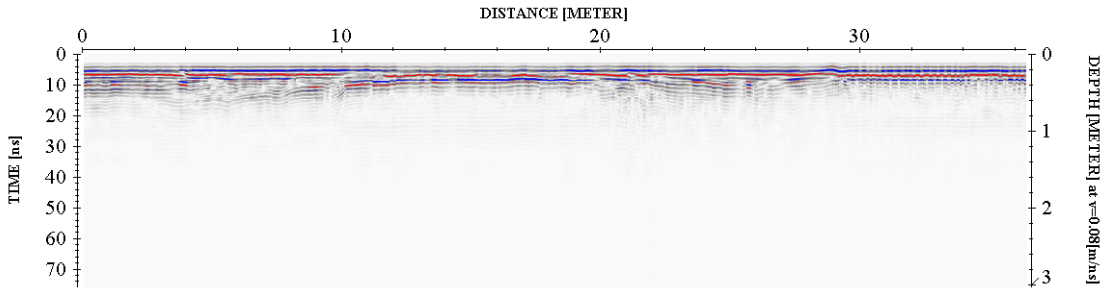
DATA PROCESSING

To improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing workflow is briefly described in this section.

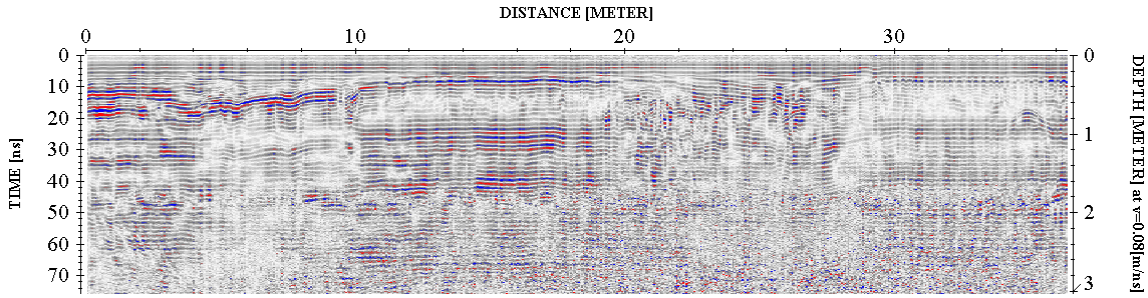
Step 1. Import Raw RAMAC data to standard processing format



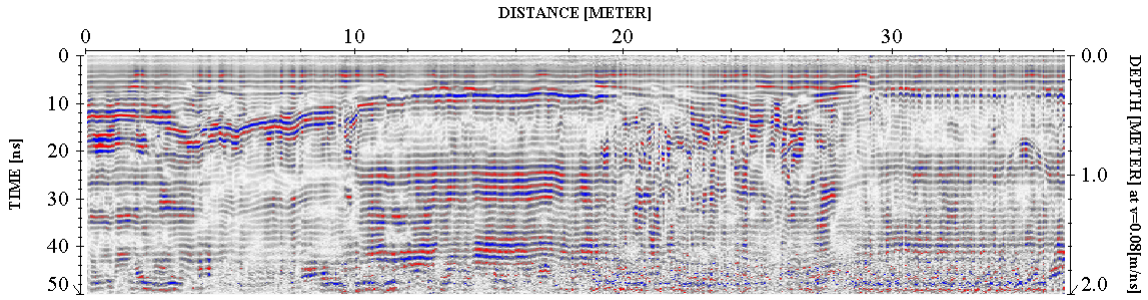
Step 2. Remove instrument noise *(dewow)*



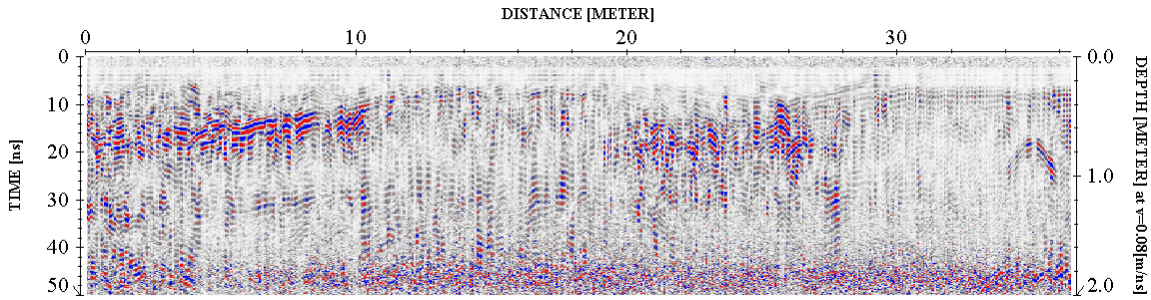
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Clear

Temperature: 70° F

Surface: Asphalt, Vegetation, Gravel, Concrete

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 4'. Additional GPR data was collected over features of interest. An EM utility locator was used in conjunction with GPR throughout the survey area.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment. Multiple layers of pavement and reinforced concrete across portions of the site also contributed to the high GNL.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as water, sewer, electric, and former utilities) were identified within the surveyed areas. Two suspected manholes, one buried and one visible on the surface were identified during the GES. Neither were able to be opened at the time of the GES. The approximate locations are shown in the survey plan.
- A large geophysical anomaly resembling a potential underground storage tank (UST) was identified during the GES. Separately, a gasoline fill port was identified in the sidewalk and traced into the site. No geophysical anomaly resembling a UST could be associated with the fill port at the time of the GES. The area that the fill port was traced to was identified as an additional potential UST area.
- All cleared boring locations are shown in the survey plan.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

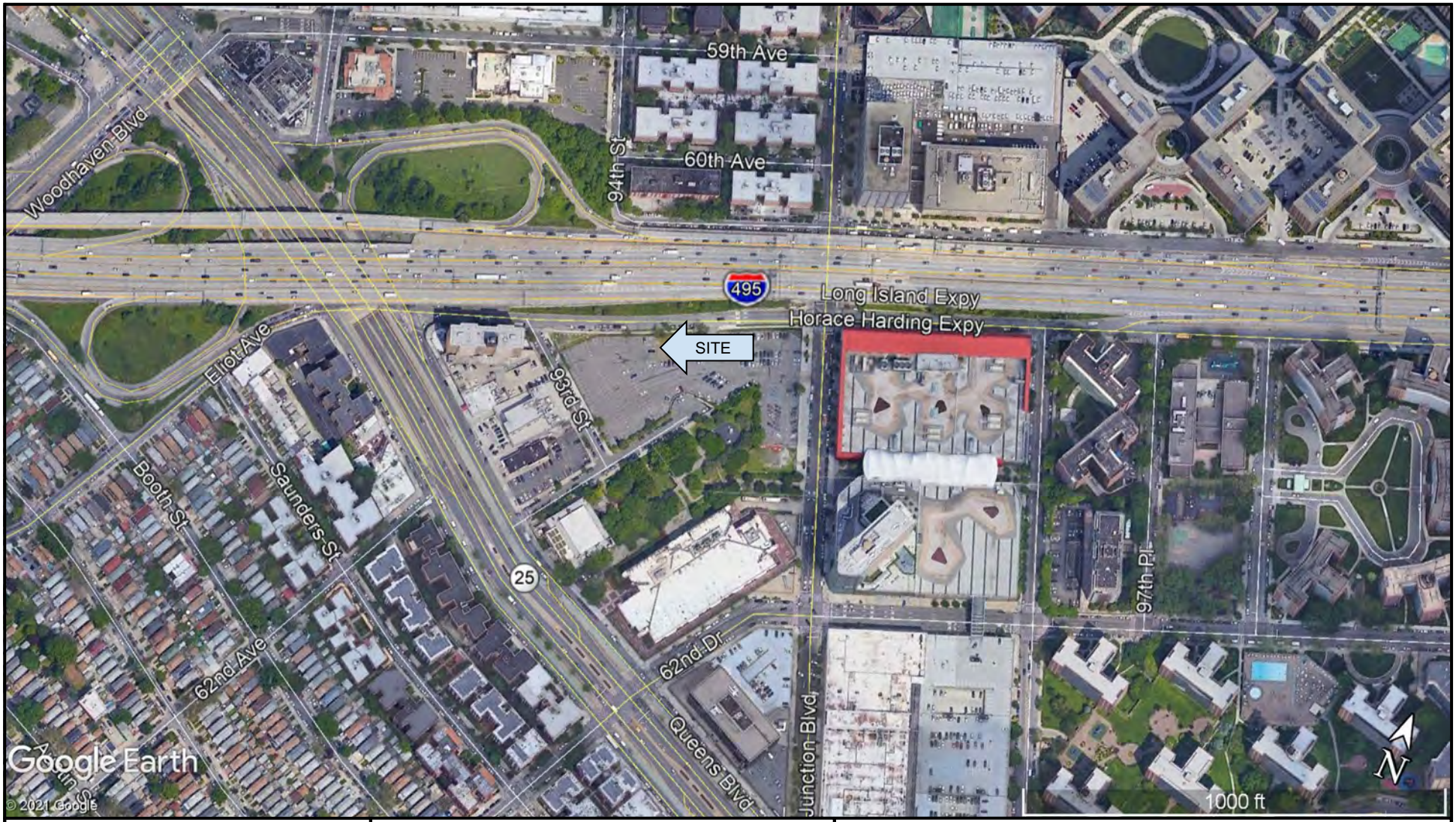
Project Engineer

Attachments:

Location Map

Survey Plan

Geophysical Images

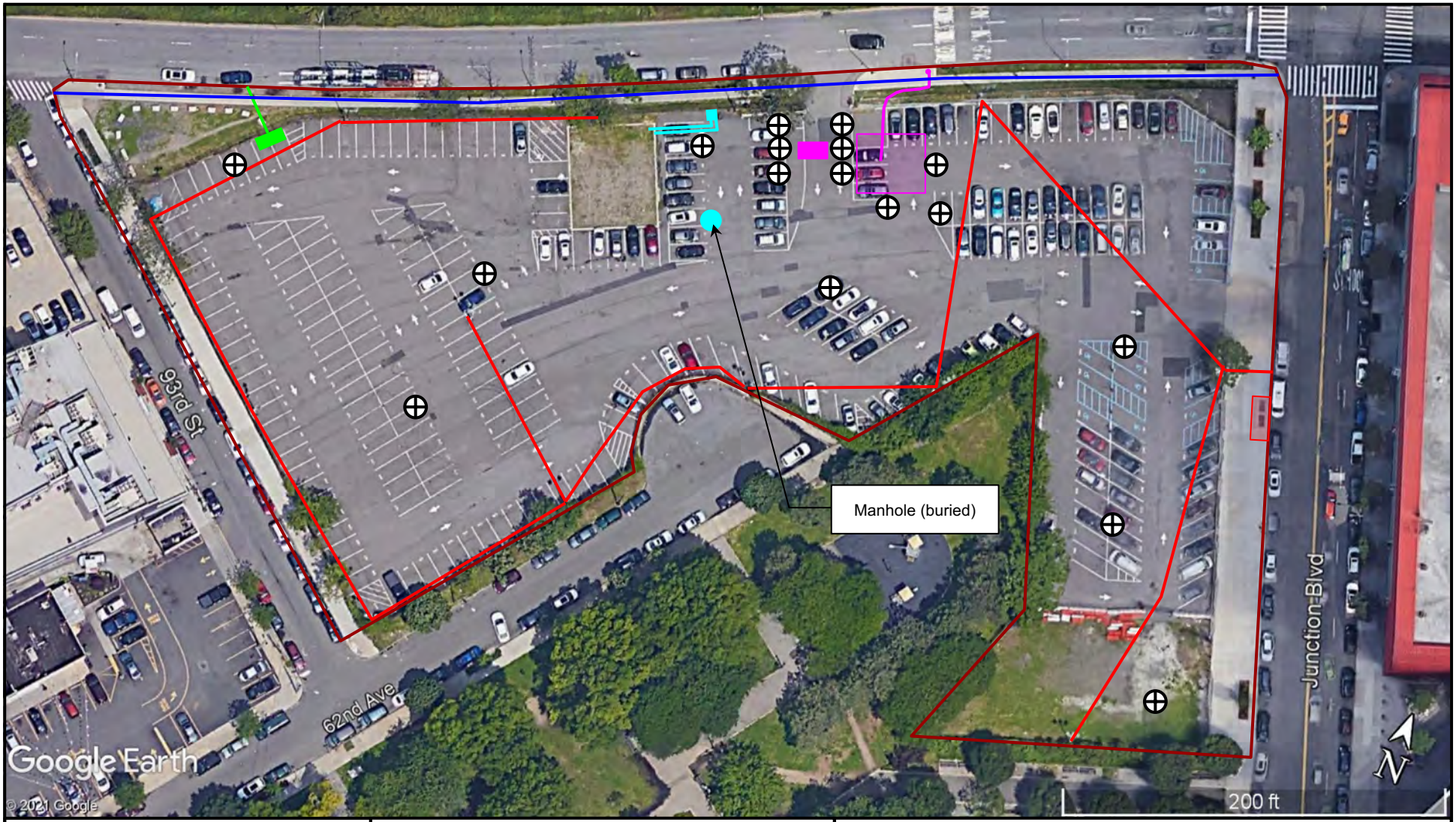


LOCATION MAP

SITE:	**Commercial Site** 61-10 Junction Boulevard, Queens, New York 11374
CLIENT:	Langan
DATE:	October 8th, 2021
AUTH:	Chris Steinley

LEGEND

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com



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SURVEY PLAN

SITE:	**Commercial Site** 61-10 Junction Boulevard, Queens, New York 11374
CLIENT:	Langan
DATE:	October 8th, 2021
AUTH:	Chris Steinley

LEGEND

- Survey Area
- Water
- Electric
- Sewer
- Former Utility
- Boring
- UST Anomaly
- UST Area
- Fill Port
- Manhole
- Electric Vault

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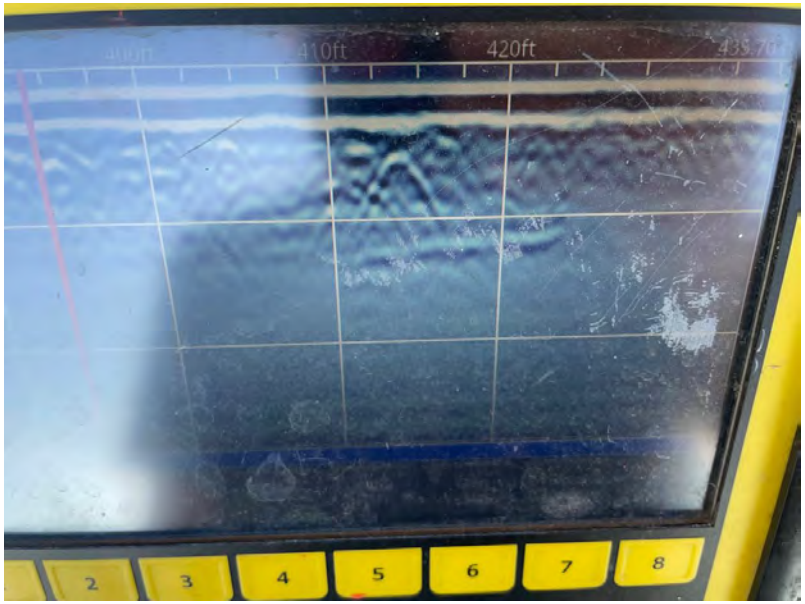



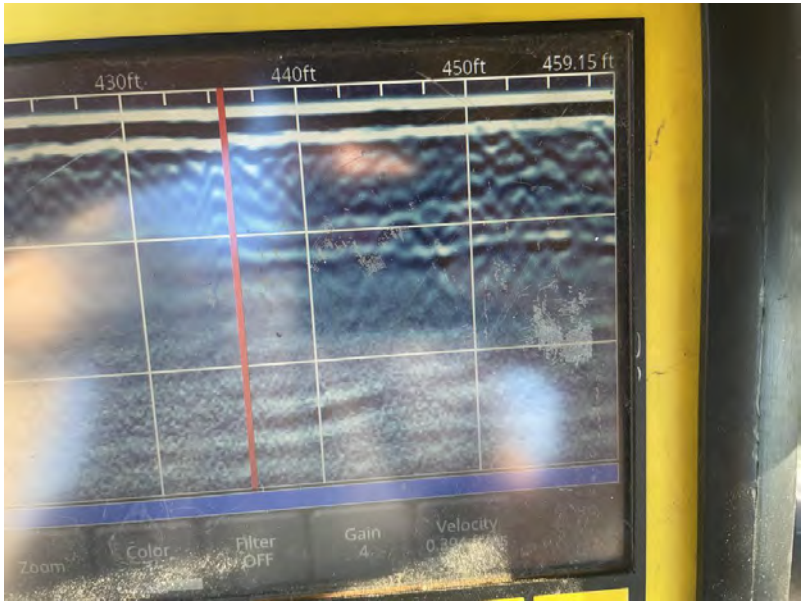

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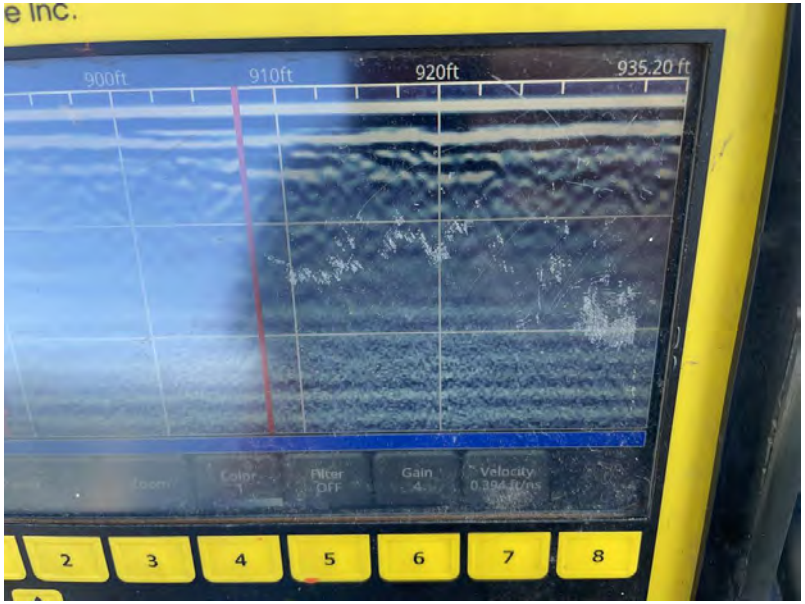



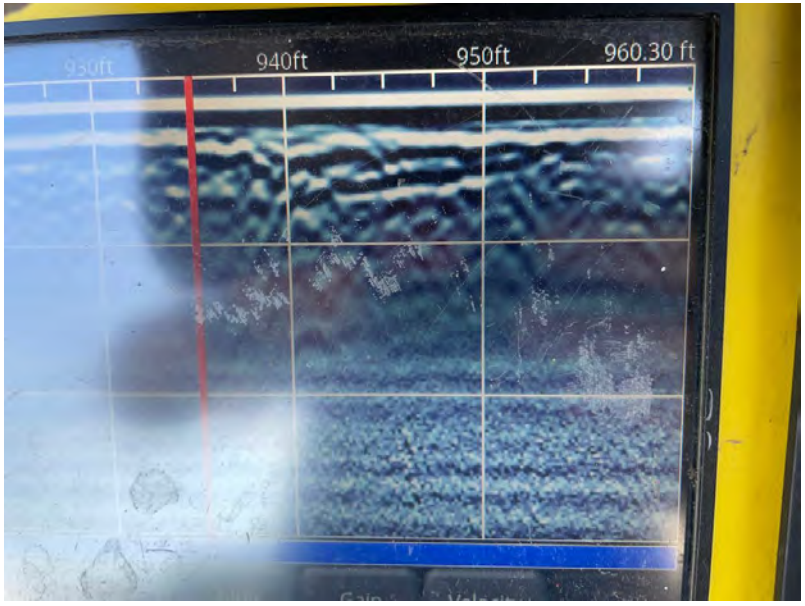

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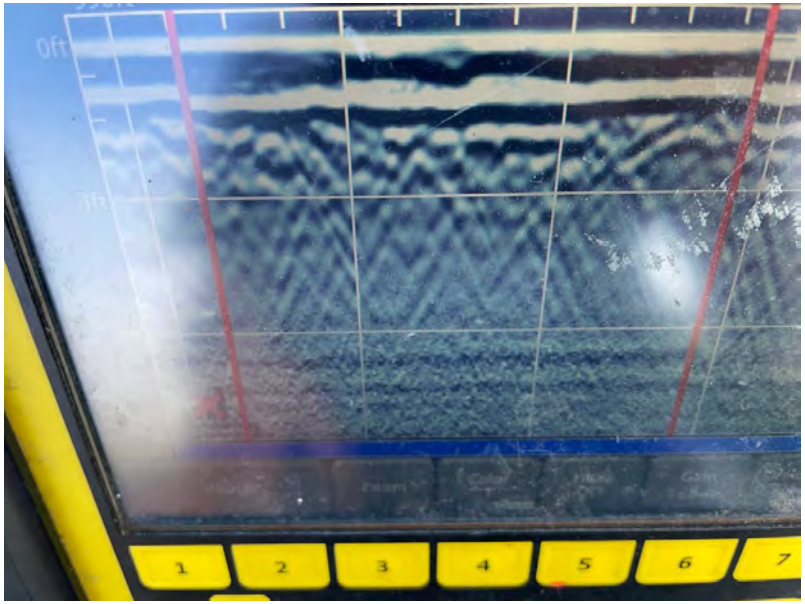





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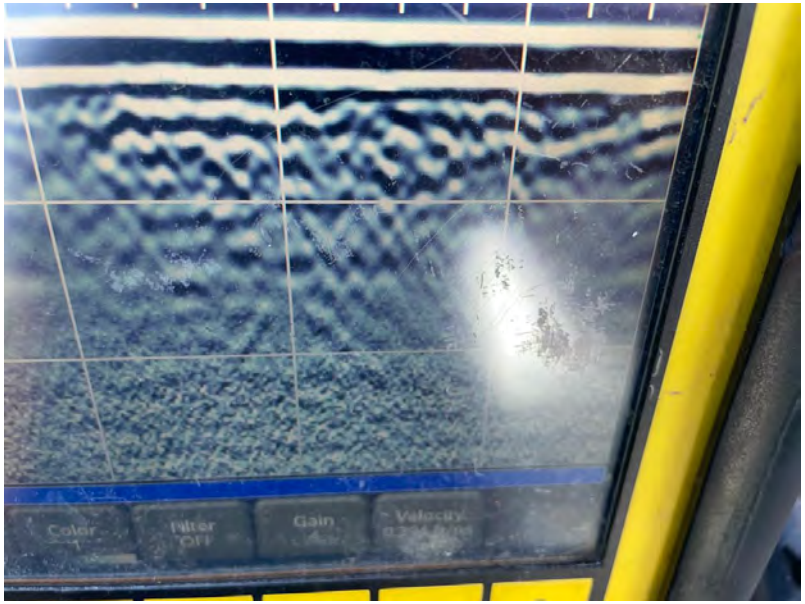



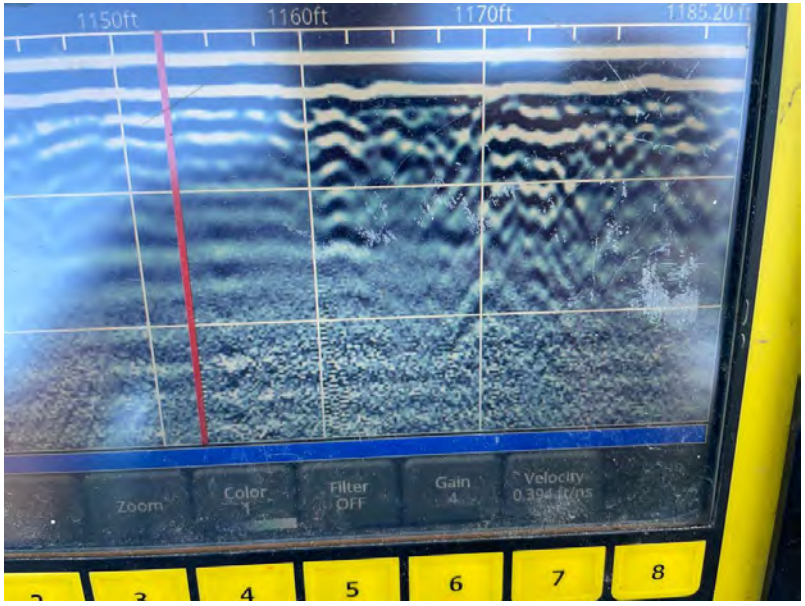



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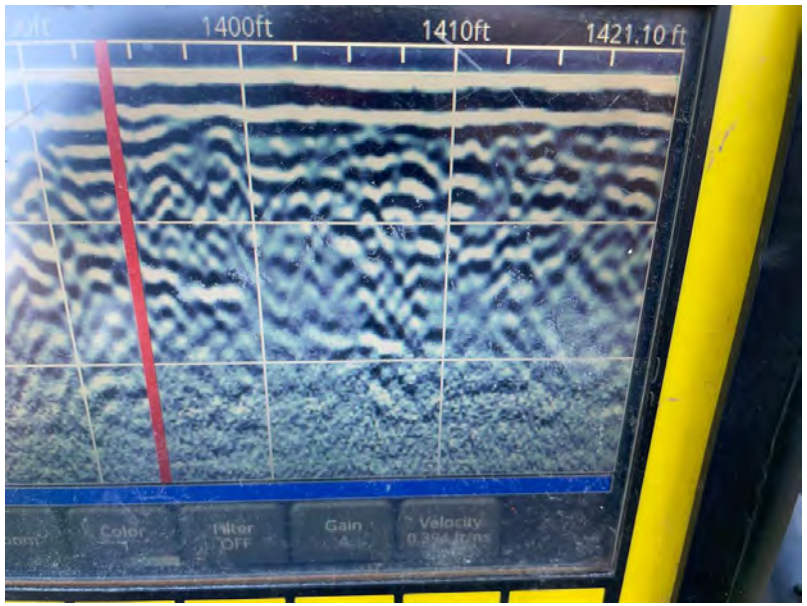

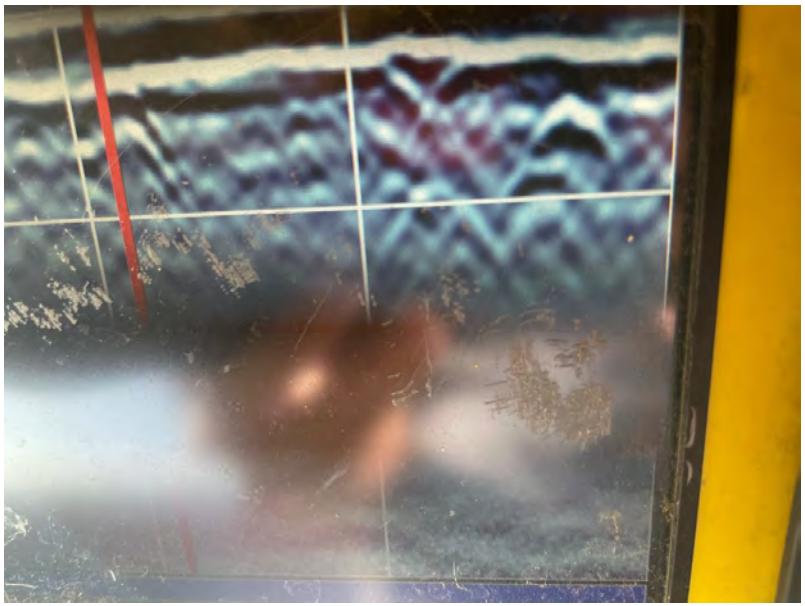

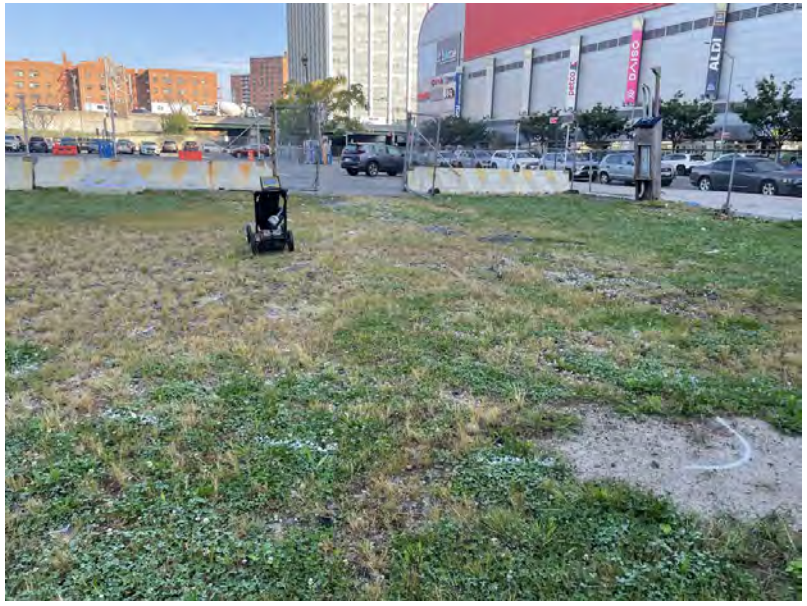



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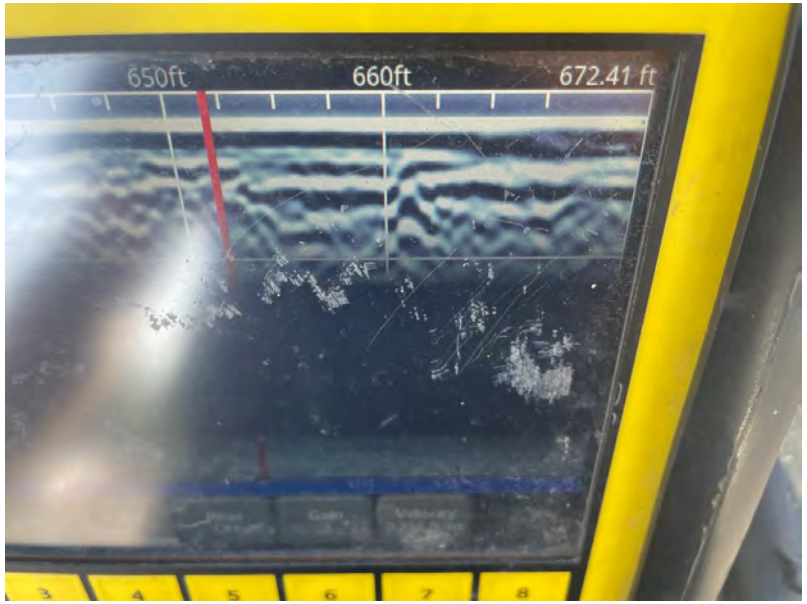

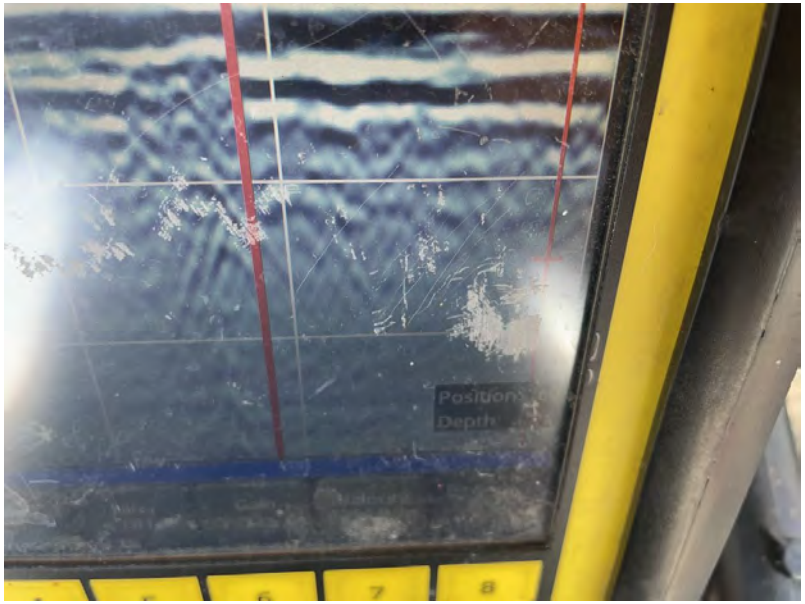

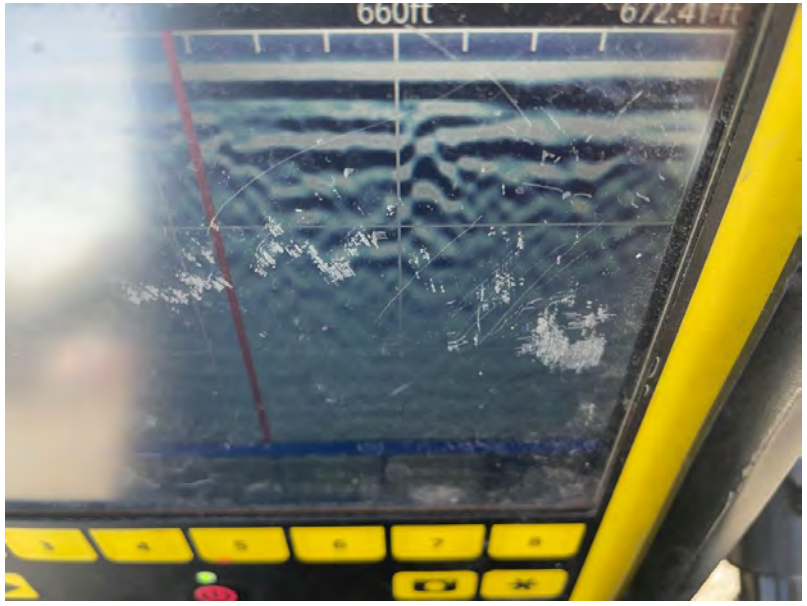



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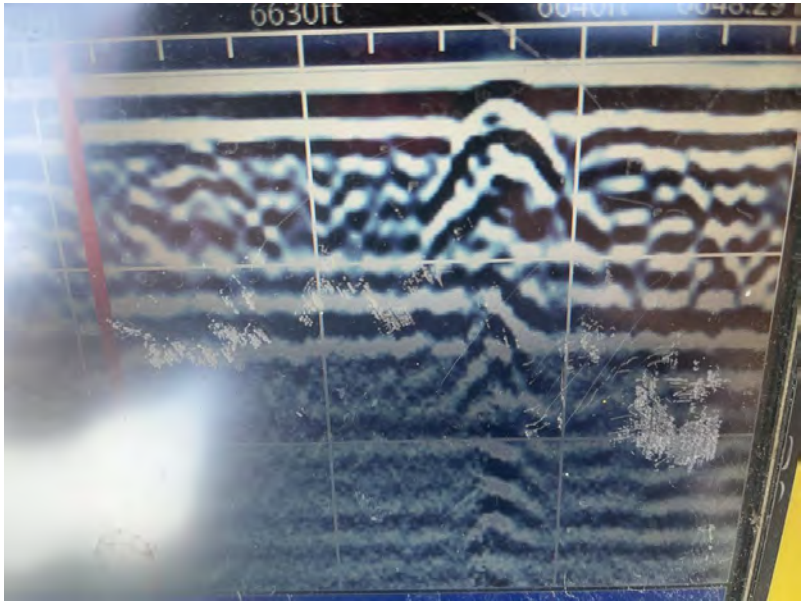

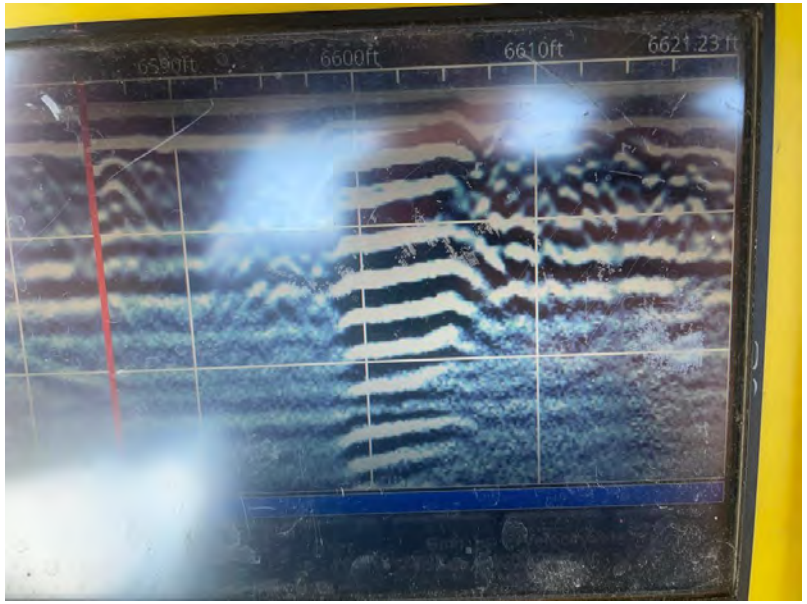



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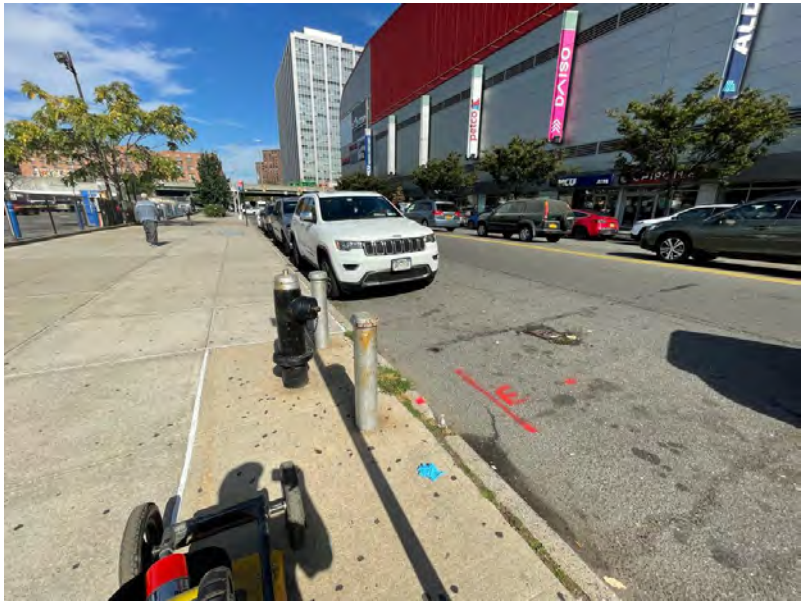

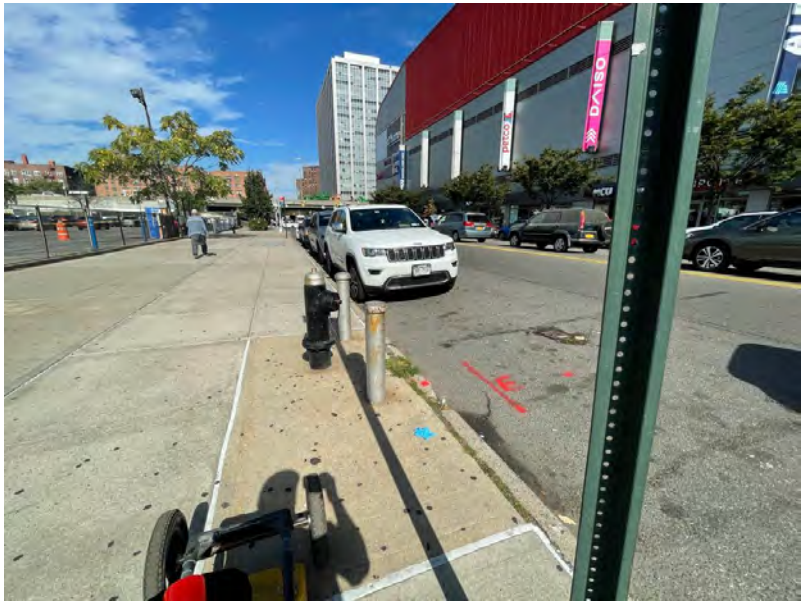



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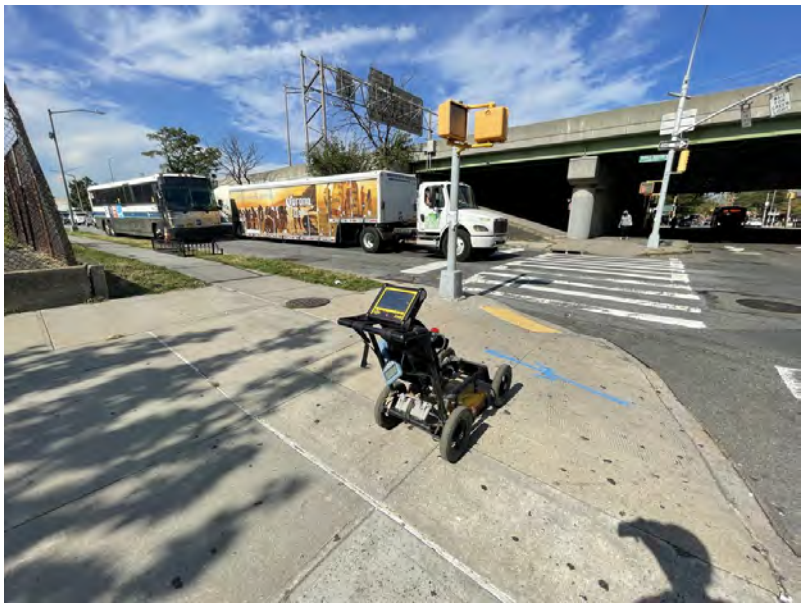



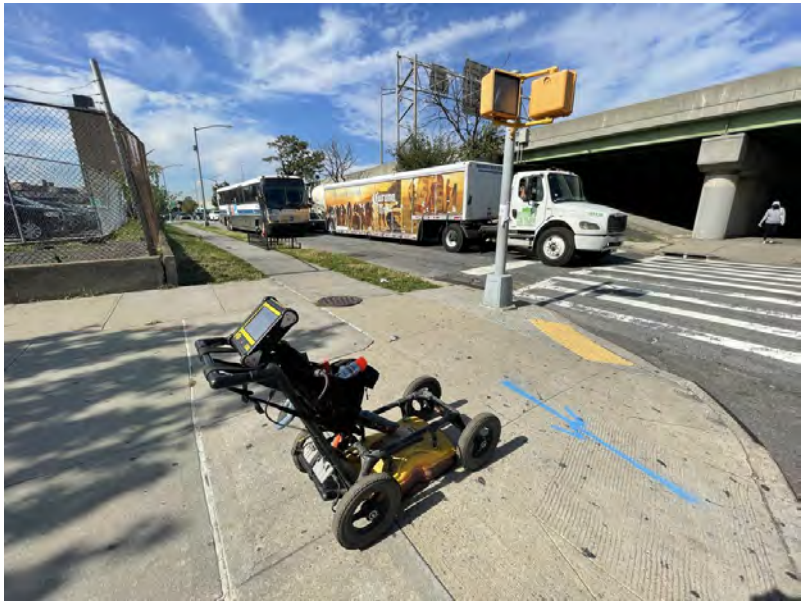

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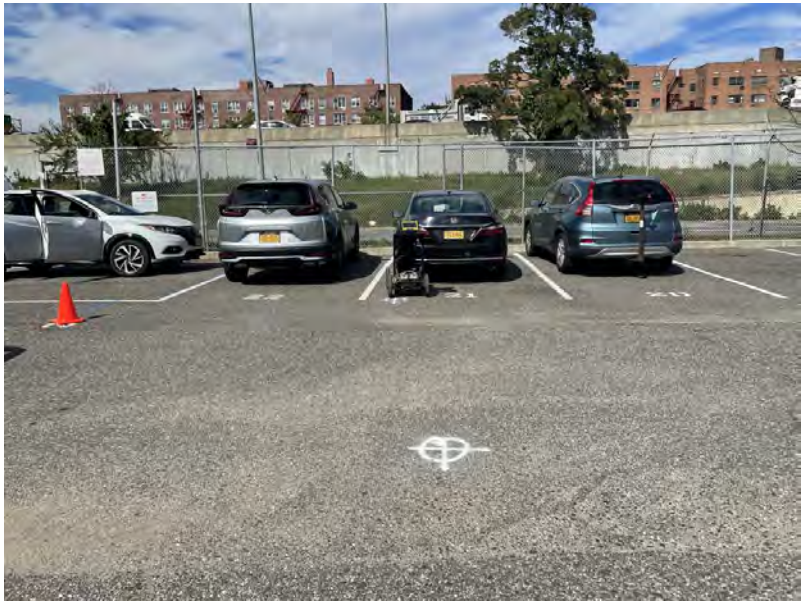

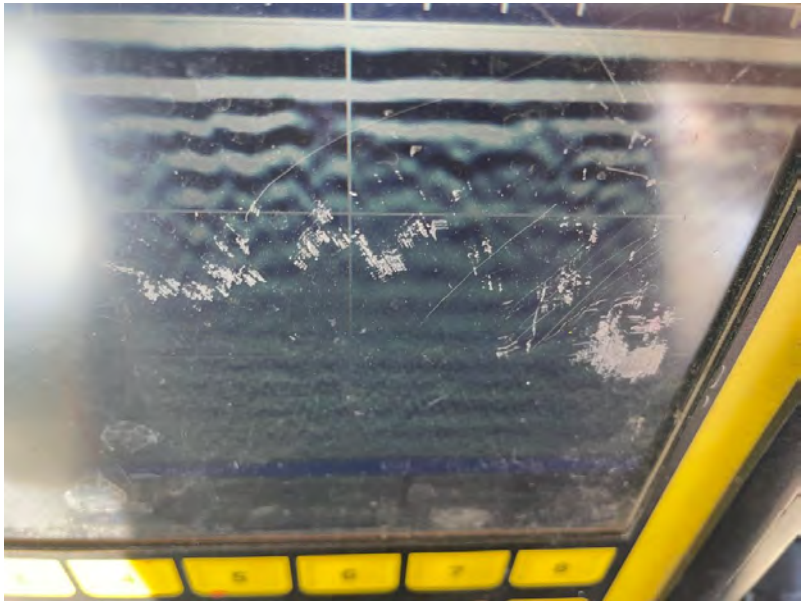

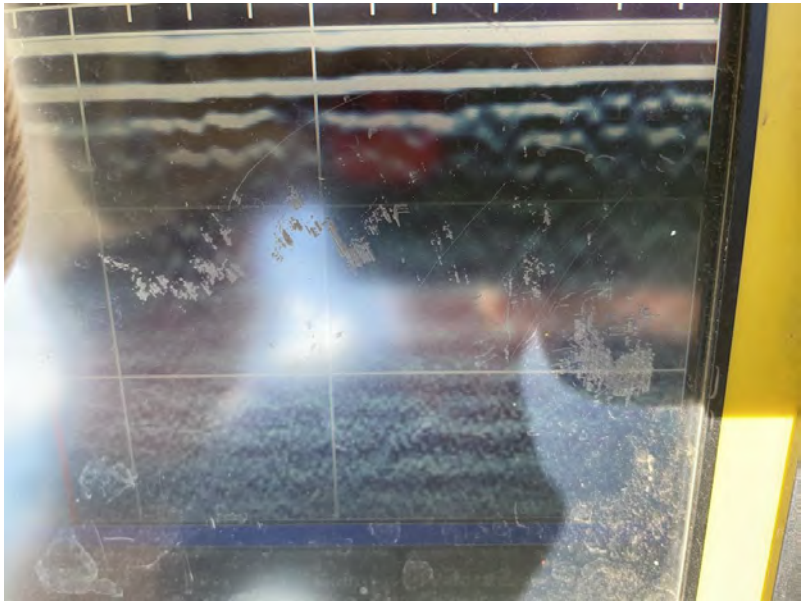

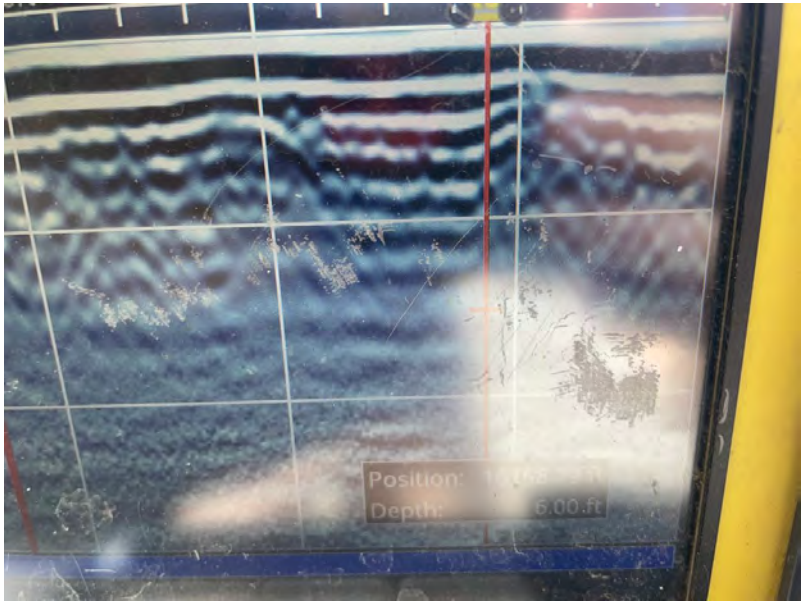

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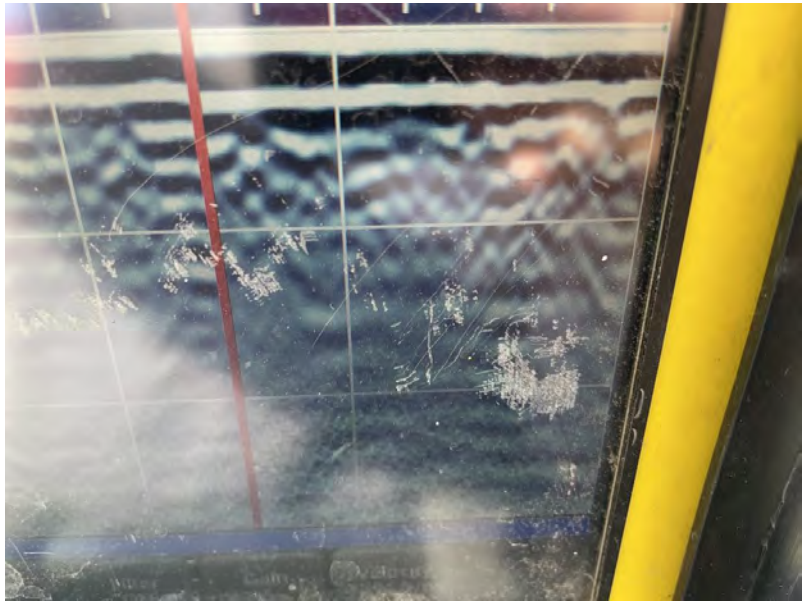



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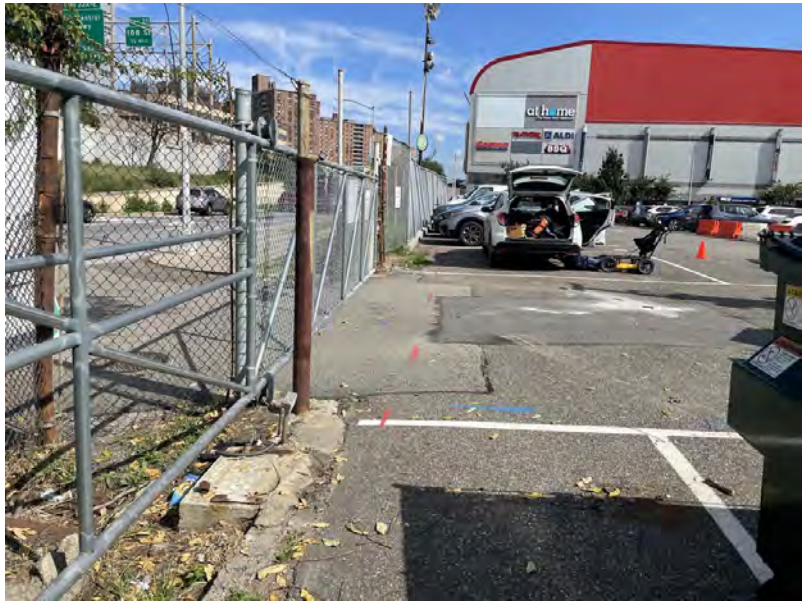







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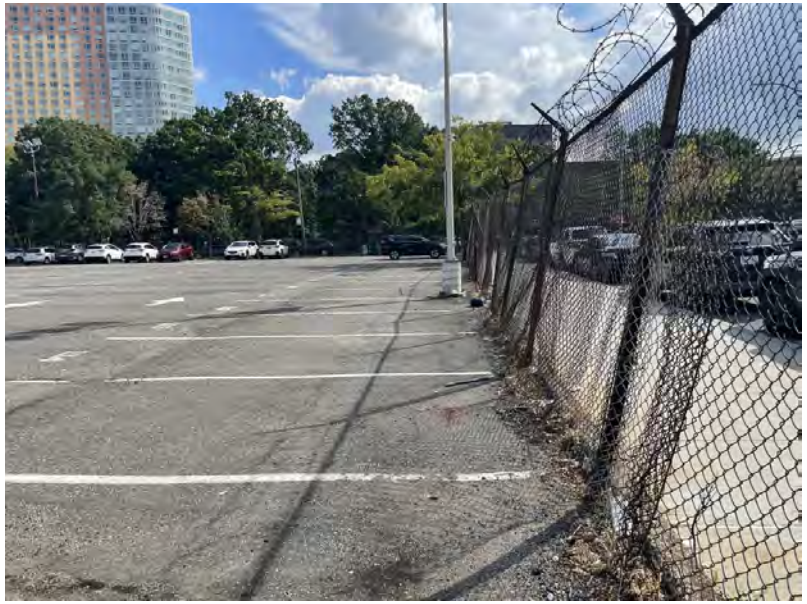







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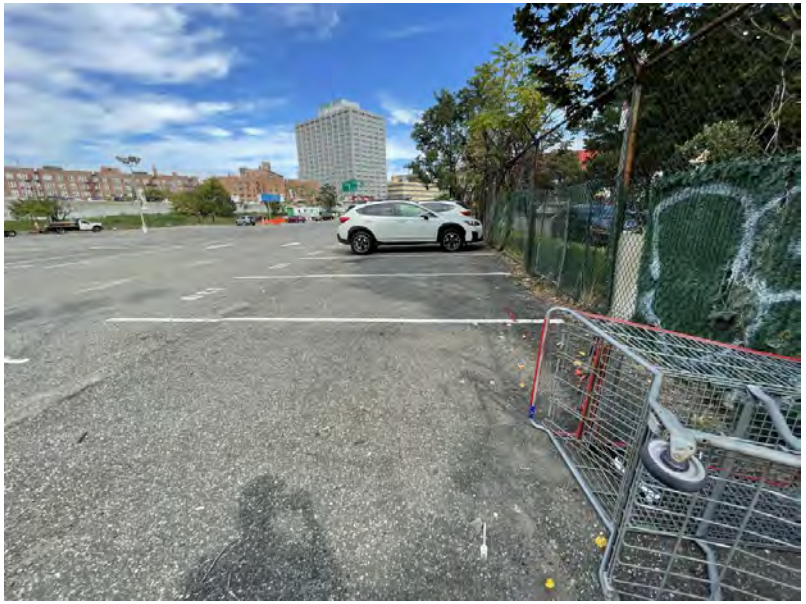



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Attachment 2
Soil Boring Logs

LANGAN

Log of Boring **SB01** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 11.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Grayish brown to light brown fine SAND, some clay, trace fine gravel, aphalt (dry)[FILL]	0	M-1	Macrocore	41		0.0	
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Light gray to grayish brown fine SAND, some clay, trace fine gravel, cobble, brick (dry)[FILL]	5	M-2	Macrocore	48		0.0	
			6					0.0	
			7					0.0	
			8					0.0	
		Light gray fine SAND, some clay, trace slag, trace coarse gravel, brick (moist)[FILL]	9	M-3	Macrocore	36		0.0	
			10					0.0	
			11 ▽					0.0	Collected sample SB01_10-12.
			12					0.0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

\\LANGAN.COM\DATA\NYC\DATA8\170683801\PROJECT DATA_DISCIPLINE\ENV\IRONMENTAL\GINTLOGS\170683801_ENTERPRISE.GPJ ... 10/18/2021 11:50:12 AM ... Report: Log - LANGAN

LANGAN

Log of Boring **SB02** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 11.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark gray fine SAND, some clay, some fine gravel (moist)[FILL]	0					0.0	
			1	M-1A				0.0	
		Dark gray sandy CLAY, some fine gravel, cobble (moist)[FILL]						0.0	
			2		Macrocore	36		0.0	
								0.0	
			3	M-1B					
		Dark gray SAND, some clay, trace fine gravel, brick (moist)[FILL]	4						
			5						
			6	M-2	Macrocore	36		0.0	
								0.0	
								0.0	
			7					0.0	Collected sample SB02_6-8.
								0.0	
		Dark gray fine SAND, some clay, trace fine gravel, brick (moist)[FILL]	8						
			9						
								0.0	
			10	M-3	Macrocore	36		0.0	
								0.0	
								0.0	
			11					0.0	
			▽					0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB03_E** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Light brown to dark gray fine SAND, some clay, some fine gravel, ceramic tile fragments, brick (dry)[FILL]	0	M-1	Macrocore	48		0.0	
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Light brown to dark black fine SAND, some clay, trace fine gravel (dry)[SC]	4	M-2	Macrocore	48		0.0	
			5					0.0	
			6					0.0	
			7					0.0	
			8					0.0	
		Light gray to dark brown fine SAND, some clay, trace fine gravel (moist)[SC]	8	M-3	Macrocore	36		0.0	
			9					0.0	
			10					0.0	
			11					8.0	
		▽	12					0.0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB03_N** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Tannish brown to dark fine SAND, some fine gravel, trace clay, cobble (dry)[FILL]	0					0.0	
			1					0.0	
			2	M-1	Macrocore	48		0.0	
			3					0.0	
			4					18.0	
		Tannish brown to dark fine SAND, some fine gravel, trace clay (dry)[FILL]	5	M-2	Macrocore	48		0.0	Collected sample SB03_N_6-8.
			6					0.0	
			7					0.0	
		Tannish brown to dark brown fine SAND, some fine gravel, trace clay, carton/ paper, metal (moist)[FILL]	8	M-3	Macrocore	36		0.0	
			9					0.0	
			10					0.0	
		▽	11					0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB03_W** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark grayish brown fine SAND, trace clay, trace silt, trace fine gravel, brick, concrete, wood chunks (dry)[FILL]	0						
		Gray medium GRAVEL, concrete [FILL]	1	M-1A					
		Dark brown fine SAND, trace clay, trace fine gravel (moist)[FILL]	2	M-1B	Macrocore	34		0.4 2.2	
			3	M-1C				0.4 8.2 6.5	Collected sample SB03_W_3-4.
		Dark brown to grayish brown fine SAND, some gravel, trace clay, brick (dry)[FILL]	4	M-2	Macrocore	31			
			5					0	
			6					0	
			7					0.9 1.2	
		Dark tannish brown fine SAND, trace silt, trace fine gravel (moist)[SP-SM]	8					53	
			9						
			10	M-3	Macrocore	24		1.3	
		▽	11					0.5 0	
			12					0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB04** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark gray to dark brown fine SAND, concrete, some clay, some fine gravel, trace silt (dry)[FILL]	0	M-1	Macrocore	36		0.0	
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Black to dark brown clayey fine SAND, some silt, trace fine gravel (dry)[SC]	5	M-2	Macrocore	42		0.0	
			6					2.5	Petroleum like odor at 5.5 to 6.5 feet bgs. Collected sample SB04_5-7.
			7					2.5	
			8					0.0	
		Black to dark brown clayey fine SAND, some silt, trace fine gravel (moist)[SC]	9	M-3	Macrocore	36		0.0	
			10					12.0	Petroleum like odor at 9.5 feet bgs.
			11					0.0	
		▽	12					0.0	Collected sample SB04_9-10.
			13					0.0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with sand to surface grade, then patched with asphalt cold patch.
			14						
			15						

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Log of Boring **SB05** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/8/21 — Date Finished: 10/8/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Sharon Dixon
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to gray fine SAND, some clay, some fine gravel, brick (dry)[FILL]	0						
			1					0.4	
			2	M-1	Macrocore	36		0.4	
			3					0.4	
			4					0.4	
								0.4	
		Dark brown fine SAND, some clay, some fine gravel (moist)[SC]	5					0.0	
			6	M-2	Macrocore	36		0.0	
			7					0.0	
			8					0.0	
								7.2	
		Dark brown fine SAND, some clay, some fine gravel (moist)[SC]	9					1.4	
			10	M-3	Macrocore	36		0.0	
			11					0.0	
			12 ▽					0.0	
			13					0.0	
			14					0.0	
			15						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.

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Log of Boring **SB06** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to black fine SAND, trace clay, trace fine gravel, coal, foam, plaster, brick, slag (dry)[FILL]	0					0.0	
			1					0.0	Collected sample SB06_0-2. Collected sample DUP02_101121).
			2	M-1A	Macrocore	37		0.0	
		Grayish brown fine-medium SAND, trace clay, trace fine gravel (moist)[FILL]	3	M-1B				0.0	
		Dark brown fine-medium SAND, some fine gravel, trace clay, trace silt, woody vegetation, glass, coal, construction debris, slag (dry)[FILL]	4						
			5					0.0	
			6	M-2	Macrocore	38		0.0	
			7					0.0	Collected sample SB06_6-8 (+ MS/MSD).
		Dark brown to grayish brown fine-medium SAND, some fine gravel, trace clay, wood chunks, plaster, coal, metal, slag (dry)[FILL]	8						
			9	M-3A					
		Dark brown to grayish brown fine-medium SAND, some fine gravel, trace clay, wood chunks, plaster, brick (wet)[FILL] ▽	10		Macrocore	27		0.0	
			11	M-3B				0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark gray fine-medium SAND, some fine gravel, trace clay, brick, glass, wood chips (dry)[FILL]	0					0.0	
			1					0.0	
			2	M-1	Macrocore	36		0.0	
			3					2.4	Petroleum like odor and staining at 2 to 3 feet bgs.
								50.6	
								28.4	
		Tannish brown fine SAND, trace clay, trace fine gravel (dry)[SP-SC]	4						
			5						
			6	M-2	Macrocore	24		0.0	
			7					0.0	
								0.0	
								0.0	
		Tannish brown fine SAND, trace clay, trace fine gravel (dry)[SP-SC]	8						
			9	M-3A				0.0	
		Tannish brown fine SAND, trace clay, trace fine gravel (wet)[SP-SC] ▽	10		Macrocore	31		0.0	
								0.0	
			11	M-3B				0.0	
								0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_E** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to tannish brown fine SAND, some fine gravel, trace silt, brick, glass, coal (dry)[FILL]	0					0.0	
			1					0.0	
			2	M-1	Macrocore	28		0.0	
			3					0.0	
		Dark tannish brown fine SAND, trace fine gravel (dry)[FILL]	4						
			5						
			6	M-2	Macrocore	27		0.0	
			7					0.0	
								0.0	
		Tannish brown fine SAND, trace fine gravel (dry)[FILL]	8						
			9	M-3A					
		Dark brown fine-medium SAND, trace fine gravel, coal, plaster, glass, white ash? (moist)[FILL]	10		Macrocore	27		0.0	
								0.0	
			11	M-3B				0.0	
		▽	12					0.0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_N** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown fine SAND, trace clay, trace silt, trace fine gravel, glass, woody vegetation, brick (dry)[FILL]	0					0.0	
			1					0.0	
				M-1A	Macrocore	34		0.0	
		Grayish white medium GRAVEL [BOULDERS]	2					0.0	
			3	M-1B				0.0	
		Dark brown fine-medium SAND, trace silt, trace fine gravel, wood plank fragments, glass, plaster (dry)[FILL]	4						
			5						
			6	M-2	Macrocore	18		0.0	
			7					0.0	
								0.0	
		Dark brown fine-medium SAND, trace silt, trace fine gravel, glass (moist)[FILL]	8						
			9						
			10	M-3	Macrocore	19		0.0	
			11					0.0	
		▽						0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_NE** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to black fine-medium SAND, trace silt, trace fine gravel, brick, glass, coal, slag (moist)[FILL]	0					2.4	
			1	M-1A	Macrocore	33		3.0	Strong petroleum like odor and staining at 0.5 to 3 feet bgs. Collected sample SB07_NE_0-2.
		Tan fine-medium SAND, trace fine gravel, wood plank fragments (dry)[FILL]	2					5.5	
			3	M-1B				46.8	
			4					39.0	
		Dark tannish brown fine SAND, trace fine gravel, glass, brick, wood plank fragments (moist)[FILL]	5						Petroleum like odor at 4 to 8 feet bgs.
			6	M-2	Macrocore	26		10.6	
			7					11.8	
			8					15.2	
		Dark brown fine SAND, some fine gravel, trace clay, glass, slag (moist)[FILL]	9					5.3	
			10	M-3	Macrocore	20		9.3	
			11					3.5	Petroleum like odor and staining at 11 to 12 feet bgs
		▽	12					2.4	Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_NW** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark tannish brown to dark brown fine SAND, trace clay, trace fine gravel, Coal ash, brick, glass, foam, wood chunks (dry)[FILL]	0	M-1	Macrocore	27		0.0	
			1					0.0	
			2					0.0	
			3					0.0	
		Dark tannish brown fine-medium SAND, trace clay, trace silt, trace fine gravel (moist)[SW-SM]	4	M-2	Macrocore	24		0.0	
			5					0.0	
			6					0.0	
			7					0.0	
		Dark tannish brown fine-medium SAND, trace clay, trace silt, trace fine gravel (moist)[SW-SM]	8	M-3	Macrocore	23		0.0	
			9					0.0	
			10					0.0	
			11					0.0	
		▽	12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_S** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 12 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to black fine SAND, trace clay, trace silt, trace fine gravel, coal, brick, slag (moist)[FILL]	0	M-1	Macrocore	32		0.0	Staining at 1 to 2.5 feet bgs.
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Dark grayish brown fine SAND, trace clay, trace fine gravel, brick (dry)[FILL]	5	M-2A	Macrocore	25		0.0	
		Dark tannish brown to grayish brown fine SAND, trace clay, trace silt, trace fine gravel (moist)[FILL]	6					0.0	
			7	M-2B				0.0	
			8					0.0	
		Dark tannish brown to grayish brown fine SAND, trace clay, trace silt, trace fine gravel, brick, slag (moist)[FILL]	9	M-3	Macrocore	20		0.0	
			10					0.0	
			11					0.0	
		▽	12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB07_SE** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown fine SAND, some fine gravel, trace silt, slag, metal, glass, wood plank fragments (dry)[FILL]	0	M-1	Macrocore	36		0.0	
			1					0.0	
			2					0.3	Petroleum like odor and staining at 1.5 to 2 feet bgs
			3					1.0	
								0.4	
								0.0	
		Tan fine SAND, trace clay, trace fine gravel (dry)[SP]	4	M-2	Macrocore	32			
			5					0.0	
			6					0.0	
								0.0	
			7					0.0	
								0.0	
		Dark tannish brown fine SAND, trace fine gravel (dry)[SP]	8	M-3A	Macrocore	30			
		Dark tannish brown fine SAND, trace silt, trace fine gravel (dry)[SP]	9					0.0	
			10					0.0	
								0.0	
			11	M-3B				0.0	
								0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB08** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 11 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to black fine SAND, trace clay, trace silt, trace fine gravel, coal ash, ceramic (dry)[FILL]	0	M-1	Macrocore	35		0.0	
			1					0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Dark tannish brown to dark brown fine SAND, some fine gravel, trace clay, brick, fabric (dry)[FILL]	5	M-2	Macrocore	37		0.0	
			6					0.0	
			7					0.0	
			8					0.0	
		Dark brown fine SAND, trace clay, trace silt, trace fine gravel, glass, coal (dry)[FILL]	9	M-3A	Macrocore	38		0.0	
			10					0.0	
		Dark brown fine SAND, trace clay, trace silt, trace fine gravel, glass, fabric (wet)[FILL] ▽	11	M-3B				0.0	
			12					0.0	Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Log of Boring **SB09** Sheet 1 of 1

Project: Rego Center III	Project No.: 170683801
Location: Rego Park, New York	Elevation and Datum: N/A
Drilling Company: AARCO Environmental Services Corp.	Date Started: 10/11/21 — Date Finished: 10/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 12 ft — Rock Depth: N/A
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): 2 inches — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Jose Garcia
Sampler: Macrocore	Field Engineer: Farielle Brazier
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Dark brown to black fine SAND, some fine gravel, coal, slag, brick (dry)[FILL]	0					0.0	
			1					0.0	
				M-1A	Macrocore	30		0.0	
		Dark brown fine SAND, trace fine gravel (dry)[SP]	2					0.0	
			3	M-1B				0.0	
		Dark brown fine SAND, trace fine gravel (dry)[SP]	4						
			5						
			6	M-2	Macrocore	16			
			7					0.0	
								0.0	
		Dark brown fine-medium SAND, trace fine gravel (dry)[SW]	8						
			9						
			10	M-3	Macrocore	15			
			11					0.0	
								0.0	
			12						Bottom of boring at 12-feet bgs. Soil boring was backfilled with clean cuttings and sand to surface grade, then patched with asphalt cold patch.
			13						
			14						
			15						

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Attachment 3
Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2155196
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Stuart Knoop
Phone:	(212) 479-5400
Project Name:	REGO CENTER III
Project Number:	170683801
Report Date:	10/12/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2155196-01	SB02_6-8	SOIL	QUEENS, NY	10/08/21 10:30	10/08/21
L2155196-02	SB04_5-7	SOIL	QUEENS, NY	10/08/21 11:45	10/08/21
L2155196-03	SB02_0-2	SOIL	QUEENS, NY	10/08/21 10:20	10/08/21
L2155196-04	SB04_9-10	SOIL	QUEENS, NY	10/08/21 12:00	10/08/21
L2155196-05	SB01_8-10	SOIL	QUEENS, NY	10/08/21 10:00	10/08/21
L2155196-06	SB04_0-2	SOIL	QUEENS, NY	10/08/21 11:40	10/08/21
L2155196-07	SB01_0-2	SOIL	QUEENS, NY	10/08/21 09:55	10/08/21
L2155196-08	SB01_10-12	SOIL	QUEENS, NY	10/08/21 09:50	10/08/21
L2155196-09	SB03_W_7-8	SOIL	QUEENS, NY	10/08/21 12:50	10/08/21
L2155196-10	SB03_W_3-4	SOIL	QUEENS, NY	10/08/21 12:40	10/08/21
L2155196-11	SB03_N_6-8	SOIL	QUEENS, NY	10/08/21 13:35	10/08/21
L2155196-12	SB03_N_2-4	SOIL	QUEENS, NY	10/08/21 13:30	10/08/21
L2155196-13	SB03_E_0-2	SOIL	QUEENS, NY	10/08/21 13:55	10/08/21
L2155196-14	SB03_E_5-7	SOIL	QUEENS, NY	10/08/21 13:40	10/08/21
L2155196-15	SBDUP01_100821	SOIL	QUEENS, NY	10/08/21 00:00	10/08/21
L2155196-16	SB05_0-2	SOIL	QUEENS, NY	10/08/21 14:50	10/08/21
L2155196-17	SB05_6-8	SOIL	QUEENS, NY	10/08/21 14:45	10/08/21
L2155196-18	TB01_100821	WATER	QUEENS, NY	10/08/21 00:00	10/08/21
L2155196-19	FB01_100821	WATER	QUEENS, NY	10/08/21 14:40	10/08/21

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

Case Narrative (continued)

Report Submission

October 12, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2155196-01 through -08, -16, and -17: The Client IDs were changed at the client's request.

L2155196-19: The collection date and time on the chain of custody was 08-OCT-21 15:00; however, the collection date/time on the container label was 08-OCT-21 14:40. At the client's request, the collection date/time is reported as 08-OCT-21 14:40.

Semivolatile Organics

The WG1556535-1 Method Blank, associated with L2155196-19, has a concentration above the reporting limit for bis(2-ethylhexyl)phthalate. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1556116-2/-3 LCS/LCSD recoveries, associated with L2155196-01, -02, -04, -08, -10, and -11, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1556535-2/-3 LCS/LCSD recoveries, associated with L2155196-19, are below the acceptance criteria for benzoic acid (5%/4%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2155196-01, -02, -04, -08, -10, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

Case Narrative (continued)

L2155196-19: The Field Blank has a concentration above the reporting limit for sodium. The result was confirmed.

The WG1556538-1 Method Blank, associated with L2155196-01, -02, -04, -08, -10, and -11, has concentrations above the reporting limits for chromium, iron, and manganese. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limits are qualified with a "B".

The WG1556538-3 MS recoveries for aluminum (574%) and iron (1320%), performed on L2155196-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1556538-3 MS recovery, performed on L2155196-01, is outside the acceptance criteria for antimony (74%). A post digestion spike was performed and was within acceptance criteria.

The WG1556538-3 MS recovery, performed on L2155196-01, is outside the acceptance criteria for calcium (244%). A post digestion spike was performed and yielded an unacceptable recovery of 66%. The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1556538-3 MS recovery, performed on L2155196-01, is outside the acceptance criteria for magnesium (151%). A post digestion spike was performed and yielded an unacceptable recovery of 73%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1556540-3 MS recovery, performed on L2155196-01, is outside the acceptance criteria for mercury (133%). A post digestion spike was performed and was within acceptance criteria.

The WG1556538-6 serial dilution analysis, associated with L2155196-01, had a %D above the acceptance criteria for manganese (21%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 10/12/21

ORGANICS

VOLATILES

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01
Client ID: SB02_6-8
Sample Location: QUEENS, NY

Date Collected: 10/08/21 10:30
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 13:57
Analyst: NLK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01 Date Collected: 10/08/21 10:30

Client ID: SB02_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	16		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	5.3	J	ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	0.82	J	ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01 Date Collected: 10/08/21 10:30

Client ID: SB02_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	0.40	J	ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02
Client ID: SB04_5-7
Sample Location: QUEENS, NY

Date Collected: 10/08/21 11:45
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 14:22
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02 Date Collected: 10/08/21 11:45

Client ID: SB04_5-7 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	21		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	6.4	J	ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02 Date Collected: 10/08/21 11:45

Client ID: SB04_5-7 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04
Client ID: SB04_9-10
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 14:47
Analyst: NLK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.30	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.21	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04 Date Collected: 10/08/21 12:00

Client ID: SB04_9-10 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	8.4	J	ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	0.31	J	ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.98	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04 Date Collected: 10/08/21 12:00

Client ID: SB04_9-10 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	0.38	J	ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	0.71	J	ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	2.3	J	ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	91		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08
Client ID: SB01_10-12
Sample Location: QUEENS, NY

Date Collected: 10/08/21 09:50
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 15:11
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08 Date Collected: 10/08/21 09:50

Client ID: SB01_10-12 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
Xylenes, Total	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.89	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.89	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.81	1
Acetone	7.8	J	ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.0	1
2-Butanone	ND		ug/kg	8.9	2.0	1
Vinyl acetate	ND		ug/kg	8.9	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08 Date Collected: 10/08/21 09:50

Client ID: SB01_10-12 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	71	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10
Client ID: SB03_W_3-4
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 15:36
Analyst: NLK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10 Date Collected: 10/08/21 12:40

Client ID: SB03_W_3-4 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	31		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	0.43	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10 Date Collected: 10/08/21 12:40

Client ID: SB03_W_3-4 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11
Client ID: SB03_N_6-8
Sample Location: QUEENS, NY
Date Collected: 10/08/21 13:35
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/21 16:01
Analyst: NLK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11 Date Collected: 10/08/21 13:35

Client ID: SB03_N_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	18		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	4.6	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11 Date Collected: 10/08/21 13:35

Client ID: SB03_N_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-18
Client ID: TB01_100821
Sample Location: QUEENS, NY

Date Collected: 10/08/21 00:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/21 18:34
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-18 Date Collected: 10/08/21 00:00

Client ID: TB01_100821 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III
Lab Number: L2155196
Project Number: 170683801
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-18
Client ID: TB01_100821
Sample Location: QUEENS, NY
Date Collected: 10/08/21 00:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	108		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19
Client ID: FB01_100821
Sample Location: QUEENS, NY

Date Collected: 10/08/21 14:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/21 19:01
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19 Date Collected: 10/08/21 14:40

Client ID: FB01_100821 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19 Date Collected: 10/08/21 14:40

Client ID: FB01_100821 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 10:33
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1556702-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 10:33
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1556702-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 10:33
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG1556702-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556774-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556774-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/21 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556774-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1556702-3 WG1556702-4								
Methylene chloride	93		91		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	95		94		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		95		70-130	1		20
cis-1,3-Dichloropropene	99		98		70-130	1		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	95		95		54-136	0		20
1,1,2,2-Tetrachloroethane	98		96		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	98		98		70-130	0		20
Ethylbenzene	98		97		70-130	1		20
Chloromethane	98		94		64-130	4		20
Bromomethane	110		110		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1556702-3 WG1556702-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		96		70-130	2		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	91		89		64-130	2		20
Acrylonitrile	99		100		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	93		91		36-147	2		20
Acetone	77		75		58-148	3		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	96		100		63-138	4		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	90		89		59-130	1		20
2-Hexanone	83		88		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1556702-3 WG1556702-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	98		98		70-130	0		20
1,1,1,2-Tetrachloroethane	100		98		64-130	2		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		99		53-136	1		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		98		70-130	2		20
o-Chlorotoluene	83		97		70-130	16		20
p-Chlorotoluene	98		95		70-130	3		20
1,2-Dibromo-3-chloropropane	83		82		41-144	1		20
Hexachlorobutadiene	97		96		63-130	1		20
Isopropylbenzene	99		99		70-130	0		20
p-Isopropyltoluene	100		99		70-130	1		20
Naphthalene	81		87		70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	87		90		70-130	3		20
1,2,4-Trichlorobenzene	94		93		70-130	1		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	98		96		70-130	2		20
1,4-Dioxane	90		88		56-162	2		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG1556702-3 WG1556702-4								
p-Ethyltoluene	100		98		70-130	2		20
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		20
Ethyl ether	98		100		59-134	2		20
trans-1,4-Dichloro-2-butene	72		76		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556774-3 WG1556774-4								
Methylene chloride	98		98		70-130	0		30
1,1-Dichloroethane	107		106		70-130	1		30
Chloroform	104		103		70-130	1		30
Carbon tetrachloride	106		109		70-130	3		30
1,2-Dichloropropane	106		106		70-130	0		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	107		108		70-130	1		30
Tetrachloroethene	108		110		70-130	2		30
Chlorobenzene	103		104		70-130	1		30
Trichlorofluoromethane	107		106		70-139	1		30
1,2-Dichloroethane	104		105		70-130	1		30
1,1,1-Trichloroethane	111		111		70-130	0		30
Bromodichloromethane	109		110		70-130	1		30
trans-1,3-Dichloropropene	109		112		70-130	3		30
cis-1,3-Dichloropropene	112		112		70-130	0		30
1,1-Dichloropropene	112		112		70-130	0		30
Bromoform	107		109		70-130	2		30
1,1,2,2-Tetrachloroethane	108		110		70-130	2		30
Benzene	106		107		70-130	1		30
Toluene	101		103		70-130	2		30
Ethylbenzene	100		101		70-130	1		30
Chloromethane	111		108		52-130	3		30
Bromomethane	101		99		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556774-3 WG1556774-4								
Vinyl chloride	109		110		67-130	1		30
Chloroethane	112		113		50-151	1		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	105		105		70-130	0		30
Trichloroethene	107		109		70-130	2		30
1,2-Dichlorobenzene	100		102		70-130	2		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	98		101		70-130	3		30
Methyl tert butyl ether	108		107		66-130	1		30
p/m-Xylene	105		106		70-130	1		30
o-Xylene	105		107		70-130	2		30
cis-1,2-Dichloroethene	103		104		70-130	1		30
Dibromomethane	108		109		70-130	1		30
Styrene	103		105		70-130	2		30
Dichlorodifluoromethane	110		109		30-146	1		30
Acetone	96		97		54-140	1		30
Carbon disulfide	100		100		59-130	0		30
2-Butanone	112		106		70-130	6		30
Vinyl acetate	116		111		70-130	4		30
4-Methyl-2-pentanone	103		104		70-130	1		30
1,2,3-Trichloropropane	106		108		68-130	2		30
2-Hexanone	99		101		70-130	2		30
Bromochloromethane	108		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556774-3 WG1556774-4								
2,2-Dichloropropane	108		108		70-130	0		30
1,2-Dibromoethane	115		116		70-130	1		30
1,3-Dichloropropane	107		108		69-130	1		30
1,1,1,2-Tetrachloroethane	111		112		70-130	1		30
Bromobenzene	101		103		70-130	2		30
n-Butylbenzene	104		106		70-130	2		30
sec-Butylbenzene	103		106		70-130	3		30
tert-Butylbenzene	102		104		70-130	2		30
o-Chlorotoluene	102		104		70-130	2		30
p-Chlorotoluene	102		104		70-130	2		30
1,2-Dibromo-3-chloropropane	109		112		68-130	3		30
Hexachlorobutadiene	101		105		67-130	4		30
Isopropylbenzene	102		104		70-130	2		30
p-Isopropyltoluene	104		106		70-130	2		30
Naphthalene	107		108		70-130	1		30
Acrylonitrile	111		111		70-130	0		30
n-Propylbenzene	101		103		70-130	2		30
1,2,3-Trichlorobenzene	100		104		70-130	4		30
1,2,4-Trichlorobenzene	100		103		70-130	3		30
1,3,5-Trimethylbenzene	102		104		70-130	2		30
1,2,4-Trimethylbenzene	102		104		70-130	2		30
1,4-Dioxane	111		113		65-136	2		30
p-Diethylbenzene	102		106		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556774-3 WG1556774-4								
p-Ethyltoluene	102		104		70-130	2		30
1,2,4,5-Tetramethylbenzene	103		105		70-130	2		30
Ethyl ether	108		107		67-130	1		30
trans-1,4-Dichloro-2-butene	111		114		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	102		101		70-130

SEMIVOLATILES

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01
Client ID: SB02_6-8
Sample Location: QUEENS, NY

Date Collected: 10/08/21 10:30
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 14:22
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	46	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	520		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	28	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01 Date Collected: 10/08/21 10:30

Client ID: SB02_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	290		ug/kg	110	20.	1
Benzo(a)pyrene	280		ug/kg	140	43.	1
Benzo(b)fluoranthene	340		ug/kg	110	30.	1
Benzo(k)fluoranthene	110		ug/kg	110	28.	1
Chrysene	280		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	77	J	ug/kg	110	35.	1
Benzo(ghi)perylene	190		ug/kg	140	21.	1
Fluorene	43	J	ug/kg	180	17.	1
Phenanthrene	250		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	47	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1
Pyrene	470		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	18	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01
Client ID: SB02_6-8
Sample Location: QUEENS, NY
Date Collected: 10/08/21 10:30
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	22	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	55		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02
Client ID: SB04_5-7
Sample Location: QUEENS, NY

Date Collected: 10/08/21 11:45
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 14:46
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	42	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	34	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	52	J	ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02 Date Collected: 10/08/21 11:45

Client ID: SB04_5-7 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	360		ug/kg	110	21.	1
Benzo(a)pyrene	340		ug/kg	150	46.	1
Benzo(b)fluoranthene	530		ug/kg	110	31.	1
Benzo(k)fluoranthene	140		ug/kg	110	30.	1
Chrysene	380		ug/kg	110	19.	1
Acenaphthylene	56	J	ug/kg	150	29.	1
Anthracene	120		ug/kg	110	36.	1
Benzo(ghi)perylene	250		ug/kg	150	22.	1
Fluorene	52	J	ug/kg	190	18.	1
Phenanthrene	360		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	53	J	ug/kg	150	26.	1
Pyrene	580		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	22	J	ug/kg	190	18.	1
2-Methylnaphthalene	31	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02
Client ID: SB04_5-7
Sample Location: QUEENS, NY
Date Collected: 10/08/21 11:45
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	30	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	60		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04
Client ID: SB04_9-10
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 15:09
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	24	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	350		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	38	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04 Date Collected: 10/08/21 12:00

Client ID: SB04_9-10 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	180		ug/kg	110	21.	1
Benzo(a)pyrene	200		ug/kg	150	45.	1
Benzo(b)fluoranthene	260		ug/kg	110	31.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1
Chrysene	210		ug/kg	110	19.	1
Acenaphthylene	33	J	ug/kg	150	29.	1
Anthracene	57	J	ug/kg	110	36.	1
Benzo(ghi)perylene	150		ug/kg	150	22.	1
Fluorene	27	J	ug/kg	180	18.	1
Phenanthrene	160		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	320		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	36	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04 Date Collected: 10/08/21 12:00

Client ID: SB04_9-10 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	21	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	21		10-136
4-Terphenyl-d14	65		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08
Client ID: SB01_10-12
Sample Location: QUEENS, NY

Date Collected: 10/08/21 09:50
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 15:33
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	800		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	6100		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	390		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08 Date Collected: 10/08/21 09:50

Client ID: SB01_10-12 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2900		ug/kg	110	21.	1
Benzo(a)pyrene	2400		ug/kg	150	46.	1
Benzo(b)fluoranthene	2800		ug/kg	110	32.	1
Benzo(k)fluoranthene	980		ug/kg	110	30.	1
Chrysene	2400		ug/kg	110	20.	1
Acenaphthylene	100	J	ug/kg	150	29.	1
Anthracene	1800		ug/kg	110	37.	1
Benzo(ghi)perylene	1100		ug/kg	150	22.	1
Fluorene	840		ug/kg	190	18.	1
Phenanthrene	5900		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	270		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	5000		ug/kg	110	19.	1
Biphenyl	58	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	470		ug/kg	190	18.	1
2-Methylnaphthalene	220	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08 Date Collected: 10/08/21 09:50

Client ID: SB01_10-12 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	470		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	69		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10
Client ID: SB03_W_3-4
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 15:56
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	72	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10 Date Collected: 10/08/21 12:40

Client ID: SB03_W_3-4 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	49	J	ug/kg	110	20.	1
Benzo(a)pyrene	49	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	65	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	61	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	38	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	44	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	150	25.	1
Pyrene	74	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10 Date Collected: 10/08/21 12:40

Client ID: SB03_W_3-4 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	67		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11
Client ID: SB03_N_6-8
Sample Location: QUEENS, NY

Date Collected: 10/08/21 13:35
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/11/21 16:20
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/09/21 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	34	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11 Date Collected: 10/08/21 13:35

Client ID: SB03_N_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	27	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	40	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	25	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	33	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11 Date Collected: 10/08/21 13:35

Client ID: SB03_N_6-8 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	59		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19
Client ID: FB01_100821
Sample Location: QUEENS, NY

Date Collected: 10/08/21 14:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/11/21 15:37
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 10/09/21 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
Fluoranthene	ND		ug/l	2.0	0.26	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.3	JB	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1

Project Name: REGO CENTER III **Lab Number:** L2155196

Project Number: 170683801 **Report Date:** 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19 Date Collected: 10/08/21 14:40

Client ID: FB01_100821 Date Received: 10/08/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Pentachlorophenol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19
Client ID: FB01_100821
Sample Location: QUEENS, NY
Date Collected: 10/08/21 14:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	96		41-149

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/21 21:38
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556116-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/21 21:38
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556116-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/21 21:38
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 10/08/21 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556116-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	67		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/11/21 10:05
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/09/21 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1556535-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	3.2		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/11/21 10:05
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/09/21 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1556535-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/11/21 10:05
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 10/09/21 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 19 Batch: WG1556535-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	66		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556116-2 WG1556116-3								
Acenaphthene	56		60		31-137	7		50
1,2,4-Trichlorobenzene	58		63		38-107	8		50
Hexachlorobenzene	61		63		40-140	3		50
Bis(2-chloroethyl)ether	56		59		40-140	5		50
2-Chloronaphthalene	62		64		40-140	3		50
1,2-Dichlorobenzene	57		64		40-140	12		50
1,3-Dichlorobenzene	57		64		40-140	12		50
1,4-Dichlorobenzene	58		64		28-104	10		50
3,3'-Dichlorobenzidine	55		55		40-140	0		50
2,4-Dinitrotoluene	62		67		40-132	8		50
2,6-Dinitrotoluene	71		71		40-140	0		50
Fluoranthene	59		65		40-140	10		50
4-Chlorophenyl phenyl ether	61		65		40-140	6		50
4-Bromophenyl phenyl ether	63		68		40-140	8		50
Bis(2-chloroisopropyl)ether	80		88		40-140	10		50
Bis(2-chloroethoxy)methane	60		63		40-117	5		50
Hexachlorobutadiene	61		66		40-140	8		50
Hexachlorocyclopentadiene	52		53		40-140	2		50
Hexachloroethane	62		68		40-140	9		50
Isophorone	59		64		40-140	8		50
Naphthalene	61		64		40-140	5		50
Nitrobenzene	67		71		40-140	6		50
NDPA/DPA	64		68		36-157	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556116-2 WG1556116-3								
n-Nitrosodi-n-propylamine	63		66		32-121	5		50
Bis(2-ethylhexyl)phthalate	77		84		40-140	9		50
Butyl benzyl phthalate	65		70		40-140	7		50
Di-n-butylphthalate	66		71		40-140	7		50
Di-n-octylphthalate	74		81		40-140	9		50
Diethyl phthalate	65		67		40-140	3		50
Dimethyl phthalate	62		63		40-140	2		50
Benzo(a)anthracene	62		67		40-140	8		50
Benzo(a)pyrene	65		71		40-140	9		50
Benzo(b)fluoranthene	63		67		40-140	6		50
Benzo(k)fluoranthene	61		69		40-140	12		50
Chrysene	59		63		40-140	7		50
Acenaphthylene	65		69		40-140	6		50
Anthracene	57		62		40-140	8		50
Benzo(ghi)perylene	60		66		40-140	10		50
Fluorene	63		67		40-140	6		50
Phenanthrene	56		63		40-140	12		50
Dibenzo(a,h)anthracene	57		62		40-140	8		50
Indeno(1,2,3-cd)pyrene	58		63		40-140	8		50
Pyrene	58		64		35-142	10		50
Biphenyl	60		62		37-127	3		50
4-Chloroaniline	59		54		40-140	9		50
2-Nitroaniline	71		75		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556116-2 WG1556116-3								
3-Nitroaniline	58		58		26-129	0		50
4-Nitroaniline	60		60		41-125	0		50
Dibenzofuran	63		66		40-140	5		50
2-Methylnaphthalene	60		63		40-140	5		50
1,2,4,5-Tetrachlorobenzene	61		63		40-117	3		50
Acetophenone	56		61		14-144	9		50
2,4,6-Trichlorophenol	69		71		30-130	3		50
p-Chloro-m-cresol	72		74		26-103	3		50
2-Chlorophenol	64		70		25-102	9		50
2,4-Dichlorophenol	68		72		30-130	6		50
2,4-Dimethylphenol	66		71		30-130	7		50
2-Nitrophenol	72		77		30-130	7		50
4-Nitrophenol	79		82		11-114	4		50
2,4-Dinitrophenol	45		46		4-130	2		50
4,6-Dinitro-o-cresol	66		69		10-130	4		50
Pentachlorophenol	53		56		17-109	6		50
Phenol	58		63		26-90	8		50
2-Methylphenol	66		71		30-130.	7		50
3-Methylphenol/4-Methylphenol	64		68		30-130	6		50
2,4,5-Trichlorophenol	71		72		30-130	1		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	66		68		40-140	3		50
Carbazole	58		65		54-128	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556116-2 WG1556116-3								
1,4-Dioxane	45		52		40-140	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		77		25-120
Phenol-d6	69		75		10-120
Nitrobenzene-d5	69		74		23-120
2-Fluorobiphenyl	65		68		30-120
2,4,6-Tribromophenol	68		69		10-136
4-Terphenyl-d14	59		64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1556535-2 WG1556535-3								
Acenaphthene	58		54		37-111	7		30
1,2,4-Trichlorobenzene	63		56		39-98	12		30
Hexachlorobenzene	66		64		40-140	3		30
Bis(2-chloroethyl)ether	56		52		40-140	7		30
2-Chloronaphthalene	62		58		40-140	7		30
1,2-Dichlorobenzene	60		52		40-140	14		30
1,3-Dichlorobenzene	59		51		40-140	15		30
1,4-Dichlorobenzene	59		51		36-97	15		30
3,3'-Dichlorobenzidine	52		56		40-140	7		30
2,4-Dinitrotoluene	62		57		48-143	8		30
2,6-Dinitrotoluene	64		59		40-140	8		30
Fluoranthene	63		64		40-140	2		30
4-Chlorophenyl phenyl ether	66		61		40-140	8		30
4-Bromophenyl phenyl ether	66		63		40-140	5		30
Bis(2-chloroisopropyl)ether	46		41		40-140	11		30
Bis(2-chloroethoxy)methane	56		52		40-140	7		30
Hexachlorobutadiene	71		58		40-140	20		30
Hexachlorocyclopentadiene	58		54		40-140	7		30
Hexachloroethane	52		45		40-140	14		30
Isophorone	57		52		40-140	9		30
Naphthalene	60		54		40-140	11		30
Nitrobenzene	54		51		40-140	6		30
NDPA/DPA	65		65		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1556535-2 WG1556535-3								
n-Nitrosodi-n-propylamine	55		48		29-132	14		30
Bis(2-ethylhexyl)phthalate	57		64		40-140	12		30
Butyl benzyl phthalate	56		58		40-140	4		30
Di-n-butylphthalate	55		57		40-140	4		30
Di-n-octylphthalate	60		64		40-140	6		30
Diethyl phthalate	57		56		40-140	2		30
Dimethyl phthalate	60		60		40-140	0		30
Benzo(a)anthracene	65		63		40-140	3		30
Benzo(a)pyrene	70		67		40-140	4		30
Benzo(b)fluoranthene	67		65		40-140	3		30
Benzo(k)fluoranthene	70		70		40-140	0		30
Chrysene	65		64		40-140	2		30
Acenaphthylene	63		59		45-123	7		30
Anthracene	61		62		40-140	2		30
Benzo(ghi)perylene	69		68		40-140	1		30
Fluorene	61		57		40-140	7		30
Phenanthrene	61		60		40-140	2		30
Dibenzo(a,h)anthracene	70		70		40-140	0		30
Indeno(1,2,3-cd)pyrene	69		71		40-140	3		30
Pyrene	64		65		26-127	2		30
Biphenyl	64		63		40-140	2		30
4-Chloroaniline	57		48		40-140	17		30
2-Nitroaniline	59		59		52-143	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1556535-2 WG1556535-3								
3-Nitroaniline	52		52		25-145	0		30
4-Nitroaniline	52		57		51-143	9		30
Dibenzofuran	63		60		40-140	5		30
2-Methylnaphthalene	61		56		40-140	9		30
1,2,4,5-Tetrachlorobenzene	72		65		2-134	10		30
Acetophenone	59		52		39-129	13		30
2,4,6-Trichlorophenol	69		66		30-130	4		30
p-Chloro-m-cresol	64		62		23-97	3		30
2-Chlorophenol	58		55		27-123	5		30
2,4-Dichlorophenol	67		61		30-130	9		30
2,4-Dimethylphenol	63		58		30-130	8		30
2-Nitrophenol	57		56		30-130	2		30
4-Nitrophenol	42		46		10-80	9		30
2,4-Dinitrophenol	43		42		20-130	2		30
4,6-Dinitro-o-cresol	54		54		20-164	0		30
Pentachlorophenol	48		52		9-103	8		30
Phenol	44		40		12-110	10		30
2-Methylphenol	55		53		30-130	4		30
3-Methylphenol/4-Methylphenol	59		52		30-130	13		30
2,4,5-Trichlorophenol	66		68		30-130	3		30
Benzoic Acid	**5**	Q	**4**	Q	10-164	22		30
Benzyl Alcohol	53		48		26-116	10		30
Carbazole	63		63		55-144	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 19 Batch: WG1556535-2 WG1556535-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		43		21-120
Phenol-d6	40		37		10-120
Nitrobenzene-d5	55		49		23-120
2-Fluorobiphenyl	58		53		15-120
2,4,6-Tribromophenol	55		57		10-120
4-Terphenyl-d14	67		68		41-149

METALS

Project Name: REGO CENTER III
Lab Number: L2155196
Project Number: 170683801
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01
Client ID: SB02_6-8
Sample Location: QUEENS, NY
Date Collected: 10/08/21 10:30
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3170		mg/kg	8.12	2.19	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.06	0.308	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Arsenic, Total	2.97		mg/kg	0.812	0.169	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Barium, Total	25.6		mg/kg	0.812	0.141	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Beryllium, Total	0.179	J	mg/kg	0.406	0.027	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Cadmium, Total	0.292	J	mg/kg	0.812	0.080	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Calcium, Total	3160		mg/kg	8.12	2.84	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Chromium, Total	9.28		mg/kg	0.838	0.081	2	10/11/21 20:44	10/12/21 09:07	EPA 3050B	1,6010D	GD
Cobalt, Total	3.66		mg/kg	1.62	0.135	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Copper, Total	25.8		mg/kg	0.812	0.209	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Iron, Total	8410		mg/kg	4.06	0.733	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Lead, Total	87.4		mg/kg	4.06	0.218	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Magnesium, Total	1970		mg/kg	8.12	1.25	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Manganese, Total	159		mg/kg	0.812	0.129	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Mercury, Total	0.056	J	mg/kg	0.068	0.044	1	10/09/21 11:00	10/09/21 13:01	EPA 7471B	1,7471B	NB
Nickel, Total	8.52		mg/kg	2.03	0.196	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Potassium, Total	385		mg/kg	203	11.7	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.62	0.209	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.812	0.230	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Sodium, Total	377		mg/kg	162	2.56	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.62	0.256	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Vanadium, Total	15.5		mg/kg	0.812	0.165	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV
Zinc, Total	60.5		mg/kg	4.06	0.238	2	10/09/21 10:00	10/11/21 12:09	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02
Client ID: SB04_5-7
Sample Location: QUEENS, NY
Date Collected: 10/08/21 11:45
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3980		mg/kg	9.07	2.45	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Antimony, Total	0.853	J	mg/kg	4.54	0.345	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Arsenic, Total	5.17		mg/kg	0.907	0.189	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Barium, Total	101		mg/kg	0.907	0.158	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Beryllium, Total	0.272	J	mg/kg	0.454	0.030	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Cadmium, Total	1.03		mg/kg	0.907	0.089	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Calcium, Total	6950		mg/kg	9.07	3.17	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Chromium, Total	52.4		mg/kg	0.881	0.085	2	10/11/21 20:44	10/12/21 09:11	EPA 3050B	1,6010D	GD
Cobalt, Total	4.54		mg/kg	1.81	0.150	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Copper, Total	65.3		mg/kg	0.907	0.234	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Iron, Total	13000		mg/kg	4.54	0.819	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Lead, Total	268		mg/kg	4.54	0.243	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Magnesium, Total	3800		mg/kg	9.07	1.40	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Manganese, Total	178		mg/kg	0.907	0.144	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Mercury, Total	0.185		mg/kg	0.072	0.047	1	10/09/21 11:00	10/09/21 13:44	EPA 7471B	1,7471B	NB
Nickel, Total	15.0		mg/kg	2.27	0.220	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Potassium, Total	562		mg/kg	227	13.1	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.81	0.234	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.907	0.257	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Sodium, Total	328		mg/kg	181	2.86	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.81	0.286	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Vanadium, Total	20.4		mg/kg	0.907	0.184	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV
Zinc, Total	250		mg/kg	4.54	0.266	2	10/09/21 10:00	10/11/21 11:14	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04
Client ID: SB04_9-10
Sample Location: QUEENS, NY
Date Collected: 10/08/21 12:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4350		mg/kg	8.76	2.36	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Antimony, Total	3.20	J	mg/kg	4.38	0.333	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Arsenic, Total	6.60		mg/kg	0.876	0.182	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Barium, Total	95.6		mg/kg	0.876	0.152	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Beryllium, Total	0.236	J	mg/kg	0.438	0.029	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Cadmium, Total	0.613	J	mg/kg	0.876	0.086	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Calcium, Total	16700		mg/kg	8.76	3.06	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Chromium, Total	25.2		mg/kg	0.876	0.084	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Cobalt, Total	5.19		mg/kg	1.75	0.145	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Copper, Total	55.2		mg/kg	0.876	0.226	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Iron, Total	15600		mg/kg	4.38	0.791	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Lead, Total	347		mg/kg	4.38	0.235	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Magnesium, Total	4440		mg/kg	8.76	1.35	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Manganese, Total	172		mg/kg	0.876	0.139	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Mercury, Total	0.203		mg/kg	0.072	0.047	1	10/09/21 11:00	10/09/21 13:47	EPA 7471B	1,7471B	NB
Nickel, Total	12.2		mg/kg	2.19	0.212	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Potassium, Total	623		mg/kg	219	12.6	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Selenium, Total	0.254	J	mg/kg	1.75	0.226	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.876	0.248	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Sodium, Total	380		mg/kg	175	2.76	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.75	0.276	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Vanadium, Total	25.2		mg/kg	0.876	0.178	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV
Zinc, Total	126		mg/kg	4.38	0.257	2	10/09/21 10:00	10/11/21 11:19	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Lab Number: L2155196
Project Number: 170683801
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08
Client ID: SB01_10-12
Sample Location: QUEENS, NY
Date Collected: 10/08/21 09:50
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4310		mg/kg	8.94	2.41	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Antimony, Total	2.18	J	mg/kg	4.47	0.340	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Arsenic, Total	8.73		mg/kg	0.894	0.186	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Barium, Total	112		mg/kg	0.894	0.156	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Beryllium, Total	0.295	J	mg/kg	0.447	0.030	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Cadmium, Total	0.295	J	mg/kg	0.894	0.088	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Calcium, Total	14100		mg/kg	8.94	3.13	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Chromium, Total	13.4		mg/kg	0.890	0.085	2	10/11/21 20:44	10/12/21 09:15	EPA 3050B	1,6010D	GD
Cobalt, Total	5.18		mg/kg	1.79	0.148	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Copper, Total	166		mg/kg	0.894	0.231	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Iron, Total	10600		mg/kg	4.47	0.807	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Lead, Total	238		mg/kg	4.47	0.240	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Magnesium, Total	3450		mg/kg	8.94	1.38	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Manganese, Total	178		mg/kg	0.894	0.142	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Mercury, Total	0.302		mg/kg	0.073	0.047	1	10/09/21 11:00	10/09/21 13:51	EPA 7471B	1,7471B	NB
Nickel, Total	24.2		mg/kg	2.23	0.216	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Potassium, Total	1320		mg/kg	223	12.9	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Selenium, Total	0.411	J	mg/kg	1.79	0.231	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Silver, Total	0.545	J	mg/kg	0.894	0.253	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Sodium, Total	754		mg/kg	179	2.82	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.79	0.282	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Vanadium, Total	19.2		mg/kg	0.894	0.181	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV
Zinc, Total	130		mg/kg	4.47	0.262	2	10/09/21 10:00	10/11/21 11:23	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10
Client ID: SB03_W_3-4
Sample Location: QUEENS, NY
Date Collected: 10/08/21 12:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4080		mg/kg	8.31	2.24	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.16	0.316	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Arsenic, Total	2.70		mg/kg	0.831	0.173	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Barium, Total	34.3		mg/kg	0.831	0.145	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Beryllium, Total	0.224	J	mg/kg	0.416	0.027	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Cadmium, Total	0.416	J	mg/kg	0.831	0.082	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Calcium, Total	8360		mg/kg	8.31	2.91	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Chromium, Total	11.6		mg/kg	0.854	0.082	2	10/11/21 20:44	10/12/21 09:57	EPA 3050B	1,6010D	GD
Cobalt, Total	4.72		mg/kg	1.66	0.138	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Copper, Total	19.1		mg/kg	0.831	0.214	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Iron, Total	10200		mg/kg	4.16	0.751	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Lead, Total	72.9		mg/kg	4.16	0.223	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Magnesium, Total	2410		mg/kg	8.31	1.28	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Manganese, Total	231		mg/kg	0.831	0.132	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Mercury, Total	0.083		mg/kg	0.069	0.045	1	10/09/21 11:00	10/09/21 13:54	EPA 7471B	1,7471B	NB
Nickel, Total	8.24		mg/kg	2.08	0.201	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Potassium, Total	408		mg/kg	208	12.0	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.66	0.214	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.831	0.235	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Sodium, Total	217		mg/kg	166	2.62	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.66	0.262	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Vanadium, Total	17.3		mg/kg	0.831	0.169	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV
Zinc, Total	48.6		mg/kg	4.16	0.244	2	10/09/21 10:00	10/11/21 11:28	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Lab Number: L2155196
Project Number: 170683801
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11
Client ID: SB03_N_6-8
Sample Location: QUEENS, NY
Date Collected: 10/08/21 13:35
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3560		mg/kg	8.27	2.23	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.14	0.314	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Arsenic, Total	1.22		mg/kg	0.827	0.172	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Barium, Total	23.3		mg/kg	0.827	0.144	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Beryllium, Total	0.198	J	mg/kg	0.414	0.027	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Cadmium, Total	0.174	J	mg/kg	0.827	0.081	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Calcium, Total	1300		mg/kg	8.27	2.90	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Chromium, Total	9.51		mg/kg	0.821	0.079	2	10/11/21 20:44	10/12/21 10:01	EPA 3050B	1,6010D	GD
Cobalt, Total	3.66		mg/kg	1.65	0.137	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Copper, Total	10.8		mg/kg	0.827	0.213	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Iron, Total	8810		mg/kg	4.14	0.747	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Lead, Total	13.2		mg/kg	4.14	0.222	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Magnesium, Total	1450		mg/kg	8.27	1.27	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Manganese, Total	175		mg/kg	0.827	0.132	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.067	0.043	1	10/09/21 11:00	10/09/21 13:57	EPA 7471B	1,7471B	NB
Nickel, Total	6.53		mg/kg	2.07	0.200	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Potassium, Total	340		mg/kg	207	11.9	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.65	0.213	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.827	0.234	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Sodium, Total	88.7	J	mg/kg	165	2.61	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.65	0.261	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Vanadium, Total	14.9		mg/kg	0.827	0.168	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV
Zinc, Total	24.8		mg/kg	4.14	0.242	2	10/09/21 10:00	10/11/21 11:32	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-19
Client ID: FB01_100821
Sample Location: QUEENS, NY
Date Collected: 10/08/21 14:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Antimony, Total	0.00062	J	mg/l	0.00400	0.00042	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Barium, Total	0.00021	J	mg/l	0.00050	0.00017	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Calcium, Total	0.0554	J	mg/l	0.100	0.0394	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Chromium, Total	0.00070	J	mg/l	0.00100	0.00017	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/09/21 19:44	10/12/21 13:32	EPA 7470A	1,7470A	GD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Sodium, Total	0.223		mg/l	0.100	0.0293	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Thallium, Total	0.00023	J	mg/l	0.00200	0.00014	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/09/21 17:58	10/11/21 14:17	EPA 3005A	1,6020B	PS

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 19 Batch: WG1555979-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/09/21 19:44	10/12/21 13:25	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556538-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Calcium, Total	1.60	J	mg/kg	4.00	1.40	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Chromium, Total	2.56		mg/kg	0.400	0.038	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Iron, Total	48.8		mg/kg	2.00	0.361	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Manganese, Total	0.680		mg/kg	0.400	0.064	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Nickel, Total	0.252	J	mg/kg	1.00	0.097	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Sodium, Total	18.8	J	mg/kg	80.0	1.26	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/09/21 10:00	10/11/21 11:46	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,08,10-11 Batch: WG1556540-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/09/21 11:00	10/09/21 12:55	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 19 Batch: WG1556641-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Chromium, Total	0.00065	J	mg/l	0.00100	0.00017	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Thallium, Total	0.00032	J	mg/l	0.00200	0.00014	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/l	0.00500	0.00157	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS
Zinc, Total	ND	mg/l	0.01000	0.00341	1	10/09/21 17:58	10/11/21 09:13	1,6020B	PS

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,08,10-11 Batch: WG1557181-1										
Chromium, Total	0.048	J	mg/kg	0.400	0.038	1	10/11/21 20:44	10/12/21 08:59	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1555979-2								
Mercury, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556538-2 SRM Lot Number: D109-540					
Aluminum, Total	58	-	50-150	-	
Antimony, Total	124	-	19-250	-	
Arsenic, Total	97	-	70-130	-	
Barium, Total	87	-	75-125	-	
Beryllium, Total	83	-	75-125	-	
Cadmium, Total	91	-	75-125	-	
Calcium, Total	90	-	73-128	-	
Chromium, Total	95	-	70-130	-	
Cobalt, Total	91	-	75-125	-	
Copper, Total	96	-	75-125	-	
Iron, Total	87	-	35-165	-	
Lead, Total	92	-	72-128	-	
Magnesium, Total	76	-	62-138	-	
Manganese, Total	80	-	74-126	-	
Nickel, Total	91	-	70-130	-	
Potassium, Total	76	-	59-141	-	
Selenium, Total	94	-	68-132	-	
Silver, Total	98	-	68-131	-	
Sodium, Total	104	-	35-165	-	
Thallium, Total	89	-	68-131	-	
Vanadium, Total	96	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556538-2 SRM Lot Number: D109-540					
Zinc, Total	92	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 Batch: WG1556540-2 SRM Lot Number: D109-540					
Mercury, Total	93	-	60-140	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1556641-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	84	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	100	-	80-120	-	
Calcium, Total	93	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	98	-	80-120	-	
Copper, Total	101	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	99	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	96	-	80-120	-	
Potassium, Total	94	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	96	-	80-120	-	
Thallium, Total	113	-	80-120	-	
Vanadium, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 Batch: WG1556641-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,08,10-11 Batch: WG1557181-2 SRM Lot Number: D109-540					
Chromium, Total	72	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1555979-3 QC Sample: L2155196-19 Client ID: FB01_100821												
Mercury, Total	ND	0.005	0.00482	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556538-3 QC Sample: L2155196-01 Client ID: SB02_6-8										
Aluminum, Total	3170	171	4150	**574**	Q	-	-	75-125	-	20
Antimony, Total	ND	42.7	31.8	**74**	Q	-	-	75-125	-	20
Arsenic, Total	2.97	10.2	12.3	91		-	-	75-125	-	20
Barium, Total	25.6	171	177	89		-	-	75-125	-	20
Beryllium, Total	0.179J	4.27	3.61	84		-	-	75-125	-	20
Cadmium, Total	0.292J	4.52	3.97	88		-	-	75-125	-	20
Calcium, Total	3160	854	5240	**244**	Q	-	-	75-125	-	20
Cobalt, Total	3.66	42.7	37.5	79		-	-	75-125	-	20
Copper, Total	25.8	21.3	44.9	89		-	-	75-125	-	20
Iron, Total	8410	85.4	9540	**1320**	Q	-	-	75-125	-	20
Lead, Total	87.4	45.2	128	90		-	-	75-125	-	20
Magnesium, Total	1970	854	3260	**151**	Q	-	-	75-125	-	20
Manganese, Total	159	42.7	206	110		-	-	75-125	-	20
Nickel, Total	8.52	42.7	41.5	77		-	-	75-125	-	20
Potassium, Total	385	854	1150	90		-	-	75-125	-	20
Selenium, Total	ND	10.2	8.25	80		-	-	75-125	-	20
Silver, Total	ND	25.6	23.6	92		-	-	75-125	-	20
Sodium, Total	377	854	1190	95		-	-	75-125	-	20
Thallium, Total	ND	10.2	7.69	75		-	-	75-125	-	20
Vanadium, Total	15.5	42.7	52.4	86		-	-	75-125	-	20
Zinc, Total	60.5	42.7	100	92		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556540-3 QC Sample: L2155196-01 Client ID: SB02_6-8										
Mercury, Total	0.056J	0.137	0.182	**133**	Q	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1556641-3 QC Sample: L2154484-01 Client ID: MS Sample										
Aluminum, Total	0.008J	2	1.94	97		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5754	115		-	-	75-125	-	20
Arsenic, Total	0.00051	0.12	0.1277	106		-	-	75-125	-	20
Barium, Total	0.2094	2	2.271	103		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05203	104		-	-	75-125	-	20
Cadmium, Total	0.0001J	0.053	0.05339	101		-	-	75-125	-	20
Calcium, Total	148	10	154	**60**	Q	-	-	75-125	-	20
Chromium, Total	0.0009J	0.2	0.2013	101		-	-	75-125	-	20
Cobalt, Total	0.0013	0.5	0.4998	100		-	-	75-125	-	20
Copper, Total	0.0035	0.25	0.2581	102		-	-	75-125	-	20
Iron, Total	0.261	1	1.25	99		-	-	75-125	-	20
Lead, Total	ND	0.53	0.5483	103		-	-	75-125	-	20
Magnesium, Total	14.4	10	23.7	93		-	-	75-125	-	20
Manganese, Total	0.6224	0.5	1.094	94		-	-	75-125	-	20
Nickel, Total	0.0020	0.5	0.4956	99		-	-	75-125	-	20
Potassium, Total	20.7	10	28.9	82		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.120	100		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05187	104		-	-	75-125	-	20
Sodium, Total	125	10	117	**-80**	Q	-	-	75-125	-	20
Thallium, Total	0.0006J	0.12	0.1391	116		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4964	99		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1556641-3 QC Sample: L2154484-01 Client ID: MS Sample										
Zinc, Total	0.0124	0.5	0.5390	105		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,08,10-11 QC Batch ID: WG1557181-3 QC Sample: L2154800-03 Client ID: MS Sample										
Chromium, Total	17.6	19.3	51.2	**174**	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155196

Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1555979-4 QC Sample: L2155196-19 Client ID: FB01_100821						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556538-4 QC Sample: L2155196-01 Client ID: SB02_6-8					
Aluminum, Total	3170	3580	mg/kg	12	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.97	2.92	mg/kg	2	20
Barium, Total	25.6	31.2	mg/kg	20	20
Beryllium, Total	0.179J	0.198J	mg/kg	NC	20
Cadmium, Total	0.292J	0.305J	mg/kg	NC	20
Calcium, Total	3160	3400	mg/kg	7	20
Cobalt, Total	3.66	3.94	mg/kg	7	20
Copper, Total	25.8	24.4	mg/kg	6	20
Iron, Total	8410	8850	mg/kg	5	20
Lead, Total	87.4	77.1	mg/kg	13	20
Magnesium, Total	1970	2080	mg/kg	5	20
Manganese, Total	159	163	mg/kg	2	20
Nickel, Total	8.52	8.61	mg/kg	1	20
Potassium, Total	385	402	mg/kg	4	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	377	414	mg/kg	9	20
Thallium, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556538-4 QC Sample: L2155196-01 Client ID: SB02_6-8					
Vanadium, Total	15.5	15.1	mg/kg	3	20
Zinc, Total	60.5	67.4	mg/kg	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556540-4 QC Sample: L2155196-01 Client ID: SB02_6-8					
Mercury, Total	0.056J	0.062J	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 19 QC Batch ID: WG1556641-4 QC Sample: L2154484-01 Client ID: DUP Sample					
Arsenic, Total	0.00051	0.00054	mg/l	6	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,08,10-11 QC Batch ID: WG1557181-4 QC Sample: L2154800-03 Client ID: DUP Sample					
Chromium, Total	17.6	17.2	mg/kg	2	20

Project Name: REGO CENTER III
Project Number: 170683801

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556538-6 QC Sample: L2155196-01 Client ID: SB02_6-8						
Aluminum, Total	3170	3800	mg/kg	20		20
Barium, Total	25.6	30.4	mg/kg	19		20
Calcium, Total	3160	3780	mg/kg	20		20
Copper, Total	25.8	30.0	mg/kg	16		20
Iron, Total	8410	10000	mg/kg	19		20
Magnesium, Total	1970	2330	mg/kg	18		20
Manganese, Total	159	193	mg/kg	**21**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-01
Client ID: SB02_6-8
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/21 10:30
Date Received: 10/08/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-02
Client ID: SB04_5-7
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/08/21 11:45
Date Received: 10/08/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-04
Client ID: SB04_9-10
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:00
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-08
Client ID: SB01_10-12
Sample Location: QUEENS, NY

Date Collected: 10/08/21 09:50
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-10
Client ID: SB03_W_3-4
Sample Location: QUEENS, NY

Date Collected: 10/08/21 12:40
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

SAMPLE RESULTS

Lab ID: L2155196-11
Client ID: SB03_N_6-8
Sample Location: QUEENS, NY

Date Collected: 10/08/21 13:35
Date Received: 10/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	10/09/21 09:04	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04,08,10-11 QC Batch ID: WG1556497-1 QC Sample: L2155103-01 Client ID: DUP Sample						
Solids, Total	77.6	77.9	%	0		20

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-01A	Vial MeOH preserved	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2155196-01B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-01C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-01D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2155196-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2155196-01F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L2155196-02A	Vial MeOH preserved	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2155196-02B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-02C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-02D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2155196-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2155196-02F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L2155196-03A	Vial MeOH preserved	A	NA		5.0	Y	Absent		HOLD-8260HLW(14)
L2155196-03B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-03C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-03D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2155196-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-03F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8270(14)
L2155196-04A	Vial MeOH preserved	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2155196-04B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-04C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-04D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2155196-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2155196-04F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L2155196-05A	Vial MeOH preserved	A	NA		5.0	Y	Absent		HOLD-8260HLW(14)
L2155196-05B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-05C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-05D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2155196-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2155196-05F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8270(14)
L2155196-06A	Vial MeOH preserved	A	NA		5.0	Y	Absent		HOLD-8260HLW(14)
L2155196-06B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-06C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-06D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2155196-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2155196-06F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8270(14)
L2155196-07A	Vial MeOH preserved	A	NA		5.0	Y	Absent		HOLD-8260HLW(14)
L2155196-07B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-07C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-07D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2155196-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2155196-07F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8270(14)
L2155196-08A	Vial MeOH preserved	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-08B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-08C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-08D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2155196-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2155196-08F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L2155196-09A	Vial MeOH preserved	A	NA		5.0	Y	Absent		HOLD-8260HLW(14)
L2155196-09B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-09C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	HOLD-8260HLW(14)
L2155196-09D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2155196-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		HOLD-METAL(180)
L2155196-09F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		HOLD-8270(14)
L2155196-10A	Vial MeOH preserved	A	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2155196-10B	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-10C	Vial water preserved	A	NA		5.0	Y	Absent	09-OCT-21 03:31	NYTCL-8260HLW(14)
L2155196-10D	Plastic 120ml unpreserved	A	NA		5.0	Y	Absent		TS(7)
L2155196-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2155196-10F	Glass 120ml/4oz unpreserved	A	NA		5.0	Y	Absent		NYTCL-8270(14)
L2155196-11A	Vial MeOH preserved	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2155196-11B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	NYTCL-8260HLW(14)
L2155196-11C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	NYTCL-8260HLW(14)
L2155196-11D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-11E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2155196-11F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14)
L2155196-12A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-12B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-12C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-12D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-12F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-13A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-13B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-13C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-13D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-13E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-13F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-14A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-14B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-14C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-14D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-14F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-15A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-15B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-15C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-15D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-15E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-15F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-16A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-16A1	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-16A2	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-16B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-16B1	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-16B2	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-16C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-16C2	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-16D	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-16D1	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-16D2	Plastic 120ml unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2155196-16E	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-16E1	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-16E2	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-16F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-16F1	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-16F2	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-8270(14)
L2155196-17A	Vial MeOH preserved	B	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2155196-17B	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-17C	Vial water preserved	B	NA		3.5	Y	Absent	09-OCT-21 03:33	HOLD-8260HLW(14)
L2155196-17E	Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		HOLD-METAL(180)
L2155196-17F	Glass 120ml/4oz unpreserved	B	NA		3.5	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14)
L2155196-18A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2155196-18B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2155196-19A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2155196-19B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)
L2155196-19C	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155196
Report Date: 10/12/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155196-19D	Plastic 250ml HNO3 preserved	B	<2	<2	3.5	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2155196-19E	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-LVI(7)
L2155196-19F	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	REGO CENTER III	**Lab Number:**	L2155196
Project Number:	170683801	**Report Date:**	10/12/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 10/9/21

ALPHA Job #: L2155196

Client Information
Client: Langan Engineering
Address: 21 Penn Plaza, New York NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: skroop@langan.com jgolding@langan.com

Project Information
Project Name: Rego Center III
Project Location: Queens, NY
Project #: 170683801
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2 (48 hours)

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☒ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
48-hour TAT, run/hold samples as noted

Please specify Metals or TAL.

ANALYSIS
Part 375 STCL VOCs and SVOCs
TAL Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 STCL VOCs and SVOCs	TAL Metals	Sample Specific Comments
55196 - 01	SB02_RA16_6-8	10/8/21	10:30	S	FB	✓	✓	RUN
-02	SB04_LB20_5-7	10/8/21	11:45	S	FB	✓	✓	RUN
-03	SB02_RA16_0-2	10/8/21	10:20	S	FB	✓	✓	HOLD
-04	SB04_LB20_9-10	10/8/21	12:00	S	EP	✓	✓	RUN
-05	SB01_RA9_8-10	10/8/21	10:00	S	FB	✓	✓	HOLD
-06	SB04_LB20_0-2	10/8/21	11:40	S	FB	✓	✓	HOLD
-07	SB01_RA9_0-2	10/8/21	9:55	S	EP	✓	✓	HOLD
-08	SB01_RA9_10-12	10/8/21	9:50	S	FB	✓	✓	RUN
-09	SB03_W_7-8	10/8/21	12:50	S	EP	✓	✓	HOLD
-10	SB03_W_3-4	10/8/21	12:40	S	EP	✓	✓	RUN

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
FarielleBrazier/Langan	10/8/2021	GJAC (AAN)	10/08/21, 16:29
GJAC	10/08/21, 19:25	JC & AAL	10/8 1930
JC & AAL	10/8	AAL	10/8/21 23:00
AAL	10/9/21 01:40		10/9/21 01:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 10/9/21

ALPHA Job #: L2155196

Client Information
Client: Langan
Address: 2 Penn Plaza, New York, NY
Phone: 212 479-5400
Fax:
Email: SKnoop@langan.com

Project Information
Project Name: Bergen Center III
Project Location: Queens
Project #: 170683801
(Use Project name as Project #)
Project Manager: Stuart Knoop
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2 days

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
*Also email to JGolding@langan.com
*48 hr TAT; Run & Hold Samples as noted.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375/TCL VOCs and SVOCs	TAL Metals	Part 375/TCL VOCs	Sample Specific Comments
55196-11	SB03_N_6-8	10/8/2021	13:35	S	FB	X	X		RUN
-12	SB03_N_2-4		13:30			X	X		HOLD
-13	SB03_E_0-2		13:55			X	X		HOLD
-14	SB03_E_5-7		13:40			X	X		HOLD
-15	SBDup01_100821		FB			X	X		HOLD
-16	SB05_RAS_0-2		14:50			X	X		HOLD
	SB05_RAS_0-2		14:50			X	X		HOLD
↓	SB05_RAS_0-2		14:50			X	X		HOLD
-17	SB05_RAS_6-8		14:45			X	X		HOLD
-18	TB01_100821	↓	15:30	↓	↓			X	RUN

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Farielle Rozier (Langan)	10/8/2021	GJAC (AAN)	10/08/21, 16:29
GJAC	10/08/21, 19:25	JC & AAL	10/8 1930
JC & AAL	10/8	Arlen AAL	10/8/21 23:00
Arlen AA	10/9/21 01:40		10/9/21 01:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 10/9/21

ALPHA Job #: L2155196

Client Information
Client: Langan Engineering
Address: 21 Penn Plaza, New York NY 10001
Phone: 212-479-5400
Fax: 212-479-5444
Email: SKnopp@Langan.com jgolding@Langan.com

Project Information
Project Name: Rego Center III
Project Location: Queens, NY
Project #: 170683801
(Use Project name as Project #) ☐
Project Manager: Stuart Knopp
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2 (48 hrs)

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
48-hour TAT, run/hold samples as noted.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375/TCL VOCs and SVOCs	TAL Metals	Total Bottle	Sample Specific Comments
55196-19	FB01_100821	10/8/2021	15:00	AQ	FB	X	X		RUN

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Faizelle Frazier (Langan)	10/8/2021	GJAC (AAN)	10/08/21 16:29
GJAC (AAN)	10/08/21, 19:25	JC & AAC	10/8 1930
JC & AAC	10/8	AAC	10/8/21 23:00
AAC	10/9/21 01:40		10/9/21 01:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2155340
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Stuart Knoop
Phone:	(212) 479-5400
Project Name:	REGO CENTER III
Project Number:	170683801
Report Date:	10/13/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2155340-01	SB06_0-2	SOIL	QUEENS, NY	10/11/21 08:45	10/11/21
L2155340-02	DUP02_101121	SOIL	QUEENS, NY	10/11/21 00:00	10/11/21
L2155340-03	SB06_10-11	SOIL	QUEENS, NY	10/11/21 09:00	10/11/21
L2155340-04	SB06_6-8	SOIL	QUEENS, NY	10/11/21 09:05	10/11/21
L2155340-05	SB07_NE_0-2	SOIL	QUEENS, NY	10/11/21 10:20	10/11/21
L2155340-06	SB07_NE_6-8	SOIL	QUEENS, NY	10/11/21 10:35	10/11/21
L2155340-07	SB07_S_0-2	SOIL	QUEENS, NY	10/11/21 10:50	10/11/21
L2155340-08	SB07_S_6-8	SOIL	QUEENS, NY	10/11/21 11:00	10/11/21
L2155340-09	SB07_NW_0-2	SOIL	QUEENS, NY	10/11/21 11:55	10/11/21
L2155340-10	SB07_SE_0-2	SOIL	QUEENS, NY	10/11/21 11:50	10/11/21
L2155340-11	SB07_2-3	SOIL	QUEENS, NY	10/11/21 12:45	10/11/21
L2155340-12	TB02_101121	WATER	QUEENS, NY	10/11/21 13:30	10/11/21

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

Case Narrative (continued)

Report Submission

October 13, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1557428-2/-3 LCS/LCSD recoveries, associated with L2155340-01, -02, -04, and -05, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1557428-4/-5 MS/MSD recoveries, performed on L2155340-04, are below the acceptance criteria for 2,4-dinitrophenol (MSD 0%) and benzoic acid (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Total Metals

L2155340-01, -02, -04 and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1557520-4 MSD recovery, performed on L2155340-04, is outside the acceptance criteria for barium (70%). A post digestion spike was performed and was within acceptance criteria.

The WG1557520-3 MS recoveries for aluminum (289%/1620%), calcium (34%/0%), copper (0%/0%), iron (872%/1970%), lead (286%/247%), manganese (MSD 2%) and zinc (MSD 0%), performed on L2155340-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1557520-3/-4 MS/MSD RPDs for aluminum (35%) and zinc (36%), performed on L2155340-04, are above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/13/21

ORGANICS

VOLATILES

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:12
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.26	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01 Date Collected: 10/11/21 08:45

Client ID: SB06_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	44		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	8.5	J	ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY
Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	0.92	J	ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	112		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02
Client ID: DUP02_101121
Sample Location: QUEENS, NY
Date Collected: 10/11/21 00:00
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:37
Analyst: JC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02 Date Collected: 10/11/21 00:00

Client ID: DUP02_101121 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	0.69	J	ug/kg	1.0	0.30	1
Xylenes, Total	0.69	J	ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	26		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	5.1	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02 Date Collected: 10/11/21 00:00

Client ID: DUP02_101121 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	0.70	J	ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04
Client ID: SB06_6-8
Sample Location: QUEENS, NY
Date Collected: 10/11/21 09:05
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/12/21 11:27
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04 Date Collected: 10/11/21 09:05

Client ID: SB06_6-8 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	0.78	J	ug/kg	1.1	0.33	1
Xylenes, Total	0.78	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	59		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	12		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.15	J	ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04 Date Collected: 10/11/21 09:05

Client ID: SB06_6-8 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	0.80	J	ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	107		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05
Client ID: SB07_NE_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 10:20
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/12/21 11:02
Analyst: JC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	0.71	J	ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05 Date Collected: 10/11/21 10:20

Client ID: SB07_NE_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	1.9		ug/kg	1.0	0.30	1
Xylenes, Total	1.9		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	0.66	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	24		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	4.9	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	0.64	J	ug/kg	1.0	0.18	1
sec-Butylbenzene	0.65	J	ug/kg	1.0	0.15	1
tert-Butylbenzene	0.37	J	ug/kg	2.1	0.12	1
o-Chlorotoluene	1.2	J	ug/kg	2.1	0.20	1
p-Chlorotoluene	0.25	J	ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	0.52	J	ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	1.5	J	ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05 Date Collected: 10/11/21 10:20

Client ID: SB07_NE_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.74	J	ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	1.1	J	ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	3.6		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	107		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-12
Client ID: TB02_101121
Sample Location: QUEENS, NY

Date Collected: 10/11/21 13:30
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:50
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-12 Date Collected: 10/11/21 13:30

Client ID: TB02_101121 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-12 Date Collected: 10/11/21 13:30

Client ID: TB02_101121 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 09:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557645-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 09:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557645-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	0.68	J	ug/kg	1.0	0.29
Xylenes, Total	0.68	J	ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.72	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	9.9	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 09:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557645-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	0.70	J	ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	103		70-130

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1557798-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1557798-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 10:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1557798-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557645-3 WG1557645-4								
Methylene chloride	85		81		70-130	5		30
1,1-Dichloroethane	97		90		70-130	7		30
Chloroform	88		82		70-130	7		30
Carbon tetrachloride	100		90		70-130	11		30
1,2-Dichloropropane	94		89		70-130	5		30
Dibromochloromethane	103		100		70-130	3		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	99		91		70-130	8		30
Chlorobenzene	89		85		70-130	5		30
Trichlorofluoromethane	71		**63**	Q	70-139	12		30
1,2-Dichloroethane	101		97		70-130	4		30
1,1,1-Trichloroethane	105		95		70-130	10		30
Bromodichloromethane	99		93		70-130	6		30
trans-1,3-Dichloropropene	105		101		70-130	4		30
cis-1,3-Dichloropropene	106		98		70-130	8		30
1,1-Dichloropropene	101		90		70-130	12		30
Bromoform	99		99		70-130	0		30
1,1,2,2-Tetrachloroethane	85		86		70-130	1		30
Benzene	93		85		70-130	9		30
Toluene	86		80		70-130	7		30
Ethylbenzene	93		88		70-130	6		30
Chloromethane	113		102		52-130	10		30
Bromomethane	**54**	Q	**48**	Q	57-147	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557645-3 WG1557645-4								
Vinyl chloride	69		**61**	Q	67-130	12		30
Chloroethane	60		54		50-151	11		30
1,1-Dichloroethene	99		88		65-135	12		30
trans-1,2-Dichloroethene	95		86		70-130	10		30
Trichloroethene	96		87		70-130	10		30
1,2-Dichlorobenzene	94		91		70-130	3		30
1,3-Dichlorobenzene	92		87		70-130	6		30
1,4-Dichlorobenzene	90		86		70-130	5		30
Methyl tert butyl ether	105		102		66-130	3		30
p/m-Xylene	94		90		70-130	4		30
o-Xylene	83		80		70-130	4		30
cis-1,2-Dichloroethene	94		87		70-130	8		30
Dibromomethane	91		88		70-130	3		30
Styrene	84		82		70-130	2		30
Dichlorodifluoromethane	117		103		30-146	13		30
Acetone	134		121		54-140	10		30
Carbon disulfide	84		75		59-130	11		30
2-Butanone	**131**	Q	**135**	Q	70-130	3		30
Vinyl acetate	97		94		70-130	3		30
4-Methyl-2-pentanone	109		110		70-130	1		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	121		120		70-130	1		30
Bromochloromethane	95		91		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557645-3 WG1557645-4								
2,2-Dichloropropane	106		94		70-130	12		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	94		92		69-130	2		30
1,1,1,2-Tetrachloroethane	97		95		70-130	2		30
Bromobenzene	98		93		70-130	5		30
n-Butylbenzene	93		87		70-130	7		30
sec-Butylbenzene	94		87		70-130	8		30
tert-Butylbenzene	98		91		70-130	7		30
o-Chlorotoluene	106		100		70-130	6		30
p-Chlorotoluene	96		91		70-130	5		30
1,2-Dibromo-3-chloropropane	105		100		68-130	5		30
Hexachlorobutadiene	113		103		67-130	9		30
Isopropylbenzene	96		89		70-130	8		30
p-Isopropyltoluene	100		93		70-130	7		30
Naphthalene	102		99		70-130	3		30
Acrylonitrile	104		109		70-130	5		30
n-Propylbenzene	92		86		70-130	7		30
1,2,3-Trichlorobenzene	111		106		70-130	5		30
1,2,4-Trichlorobenzene	110		104		70-130	6		30
1,3,5-Trimethylbenzene	98		91		70-130	7		30
1,2,4-Trimethylbenzene	100		94		70-130	6		30
1,4-Dioxane	94		96		65-136	2		30
p-Diethylbenzene	99		93		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557645-3 WG1557645-4								
p-Ethyltoluene	97		89		70-130	9		30
1,2,4,5-Tetramethylbenzene	96		88		70-130	9		30
Ethyl ether	94		93		67-130	1		30
trans-1,4-Dichloro-2-butene	90		91		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1557798-3 WG1557798-4								
Methylene chloride	97		92		70-130	5		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		97		63-130	1		20
1,1,2-Trichloroethane	94		96		70-130	2		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	99		100		67-130	1		20
trans-1,3-Dichloropropene	96		94		70-130	2		20
cis-1,3-Dichloropropene	100		97		70-130	3		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	96		93		54-136	3		20
1,1,2,2-Tetrachloroethane	97		99		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	92		87		64-130	6		20
Bromomethane	89		87		39-139	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1557798-3 WG1557798-4								
Vinyl chloride	97		96		55-140	1		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		91		70-130	6		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		98		70-130	12		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	95		98		64-130	3		20
Acrylonitrile	98		99		70-130	1		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	74		70		36-147	6		20
Acetone	80		75		58-148	6		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		100		63-138	0		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	90		90		59-130	0		20
2-Hexanone	83		85		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1557798-3 WG1557798-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	96		97		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	83		85		41-144	2		20
Hexachlorobutadiene	93		96		63-130	3		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	82		87		70-130	6		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	89		90		70-130	1		20
1,2,4-Trichlorobenzene	95		93		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	99		99		70-130	0		20
1,4-Dioxane	98		102		56-162	4		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1557798-3 WG1557798-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		94		70-130	2		20
Ethyl ether	100		94		59-134	6		20
trans-1,4-Dichloro-2-butene	**69**	Q	71		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		110		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	103		105		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557645-6 WG1557645-7 QC Sample: L2155340-04 Client ID: SB06_6-8												
Methylene chloride	ND	119	100	84		86	76		70-130	15		30
1,1-Dichloroethane	ND	119	120	104		110	97		70-130	12		30
Chloroform	ND	119	110	90		94	83		70-130	13		30
Carbon tetrachloride	ND	119	130	110		120	105		70-130	10		30
1,2-Dichloropropane	ND	119	110	93		93	82		70-130	17		30
Dibromochloromethane	ND	119	110	93		84	75		70-130	27		30
1,1,2-Trichloroethane	ND	119	97	82		79	70		70-130	20		30
Tetrachloroethene	ND	119	120	97		92	82		70-130	22		30
Chlorobenzene	ND	119	94	79		66	**59**	Q	70-130	**35**	Q	30
Trichlorofluoromethane	ND	119	100	87		96	85		70-139	7		30
1,2-Dichloroethane	ND	119	110	96		97	86		70-130	16		30
1,1,1-Trichloroethane	ND	119	140	115		130	111		70-130	8		30
Bromodichloromethane	ND	119	110	94		93	83		70-130	18		30
trans-1,3-Dichloropropene	ND	119	99	84		70	**62**	Q	70-130	**34**	Q	30
cis-1,3-Dichloropropene	ND	119	110	89		80	71		70-130	28		30
1,1-Dichloropropene	ND	119	120	104		110	100		70-130	9		30
Bromoform	ND	119	100	88		77	**68**	Q	70-130	30		30
1,1,2,2-Tetrachloroethane	ND	119	92	78		70	**62**	Q	70-130	27		30
Benzene	ND	119	110	94		97	86		70-130	13		30
Toluene	ND	119	100	84		79	70		70-130	24		30
Ethylbenzene	ND	119	110	90		79	70		70-130	30		30
Chloromethane	ND	119	150	126		130	119		52-130	11		30
Bromomethane	ND	119	64	**54**	Q	56	**50**	Q	57-147	13		30

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557645-6 WG1557645-7 QC Sample: L2155340-04 Client ID: SB06_6-8												
Vinyl chloride	ND	119	97	82		89	79		67-130	9		30
Chloroethane	ND	119	77	64		69	61		50-151	10		30
1,1-Dichloroethene	ND	119	130	111		120	106		65-135	10		30
trans-1,2-Dichloroethene	ND	119	110	93		95	84		70-130	14		30
Trichloroethene	ND	119	110	92		91	81		70-130	18		30
1,2-Dichlorobenzene	ND	119	76	**64**	Q	44	**39**	Q	70-130	**53**	Q	30
1,3-Dichlorobenzene	ND	119	76	**64**	Q	45	**40**	Q	70-130	**51**	Q	30
1,4-Dichlorobenzene	ND	119	72	**60**	Q	41	**36**	Q	70-130	**55**	Q	30
Methyl tert butyl ether	ND	119	120	100		110	95		66-130	10		30
p/m-Xylene	ND	237	210	88		150	**68**	Q	70-130	**32**	Q	30
o-Xylene	0.78J	237	180	77		130	**58**	Q	70-130	**33**	Q	30
cis-1,2-Dichloroethene	ND	119	110	88		89	79		70-130	16		30
Dibromomethane	ND	119	93	79		75	**66**	Q	70-130	22		30
Styrene	ND	237	160	**68**	Q	100	**46**	Q	70-130	**43**	Q	30
Dichlorodifluoromethane	ND	119	170	**147**	Q	170	146		30-146	5		30
Acetone	59	119	220	135		190	119		54-140	13		30
Carbon disulfide	ND	119	96	81		85	75		59-130	13		30
2-Butanone	12	119	170	**132**	Q	160	**132**	Q	70-130	4		30
Vinyl acetate	ND	119	66	**55**	Q	44	**39**	Q	70-130	**40**	Q	30
4-Methyl-2-pentanone	ND	119	120	103		110	94		70-130	14		30
1,2,3-Trichloropropane	ND	119	96	81		75	**66**	Q	68-130	25		30
2-Hexanone	ND	119	150	125		130	111		70-130	17		30
Bromochloromethane	ND	119	100	86		85	76		70-130	18		30

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557645-6 WG1557645-7 QC Sample: L2155340-04 Client ID: SB06_6-8												
2,2-Dichloropropane	ND	119	140	117		130	114		70-130	8		30
1,2-Dibromoethane	ND	119	100	86		77	**68**	Q	70-130	28		30
1,3-Dichloropropane	ND	119	100	86		81	72		69-130	23		30
1,1,1,2-Tetrachloroethane	ND	119	110	94		84	74		70-130	28		30
Bromobenzene	ND	119	94	79		59	**52**	Q	70-130	**45**	Q	30
n-Butylbenzene	ND	119	84	71		55	**49**	Q	70-130	**42**	Q	30
sec-Butylbenzene	ND	119	95	80		67	**60**	Q	70-130	**34**	Q	30
tert-Butylbenzene	ND	119	100	87		73	**65**	Q	70-130	**34**	Q	30
o-Chlorotoluene	ND	119	95	80		63	**56**	Q	70-130	**40**	Q	30
p-Chlorotoluene	ND	119	92	78		58	**51**	Q	70-130	**46**	Q	30
1,2-Dibromo-3-chloropropane	ND	119	96	81		70	**62**	Q	68-130	**31**	Q	30
Hexachlorobutadiene	ND	119	64	**54**	Q	41	**36**	Q	67-130	**45**	Q	30
Isopropylbenzene	ND	119	110	93		81	72		70-130	**31**	Q	30
p-Isopropyltoluene	0.15J	119	98	83		67	**59**	Q	70-130	**38**	Q	30
Naphthalene	ND	119	57	**48**	Q	33	**29**	Q	70-130	**54**	Q	30
Acrylonitrile	ND	119	110	94		100	89		70-130	10		30
n-Propylbenzene	ND	119	99	84		69	**61**	Q	70-130	**36**	Q	30
1,2,3-Trichlorobenzene	ND	119	53	**45**	Q	31	**27**	Q	70-130	**53**	Q	30
1,2,4-Trichlorobenzene	ND	119	57	**48**	Q	33	**29**	Q	70-130	**54**	Q	30
1,3,5-Trimethylbenzene	ND	119	100	85		69	**61**	Q	70-130	**38**	Q	30
1,2,4-Trimethylbenzene	ND	119	99	84		64	**57**	Q	70-130	**43**	Q	30
1,4-Dioxane	ND	5930	6300	106		5500	98		65-136	14		30
p-Diethylbenzene	ND	119	92	77		59	**52**	Q	70-130	**44**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Client ID: SB06_6-8	Associated sample(s): 01-02,04-05					QC Batch ID: WG1557645-6	WG1557645-7		QC Sample: L2155340-04			
p-Ethyltoluene	ND	119	100	86		69	**61**	Q	70-130	**39**	Q	30
1,2,4,5-Tetramethylbenzene	0.80J	119	73	**62**	Q	45	**40**	Q	70-130	**49**	Q	30
Ethyl ether	ND	119	110	90		93	82		67-130	14		30
trans-1,4-Dichloro-2-butene	ND	119	75	**63**	Q	48	**42**	Q	70-130	**44**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		116		70-130
4-Bromofluorobenzene	120		119		70-130
Dibromofluoromethane	103		109		70-130
Toluene-d8	102		101		70-130

SEMIVOLATILES

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/21 07:04
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	81	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	39	J	ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	250		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01 Date Collected: 10/11/21 08:45

Client ID: SB06_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	680		ug/kg	110	20.	1
Benzo(a)pyrene	760		ug/kg	140	44.	1
Benzo(b)fluoranthene	980		ug/kg	110	30.	1
Benzo(k)fluoranthene	330		ug/kg	110	29.	1
Chrysene	700		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	140	28.	1
Anthracene	250		ug/kg	110	35.	1
Benzo(ghi)perylene	570		ug/kg	140	21.	1
Fluorene	70	J	ug/kg	180	18.	1
Phenanthrene	410		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	630		ug/kg	140	25.	1
Pyrene	1300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	38	J	ug/kg	180	17.	1
2-Methylnaphthalene	56	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	56	J	ug/kg	260	28.	1

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY
Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	49	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	50		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02
Client ID: DUP02_101121
Sample Location: QUEENS, NY

Date Collected: 10/11/21 00:00
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/21 06:40
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	110	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	40	J	ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02 Date Collected: 10/11/21 00:00

Client ID: DUP02_101121 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	560		ug/kg	110	20.	1
Benzo(a)pyrene	770		ug/kg	140	44.	1
Benzo(b)fluoranthene	970		ug/kg	110	31.	1
Benzo(k)fluoranthene	310		ug/kg	110	29.	1
Chrysene	570		ug/kg	110	19.	1
Acenaphthylene	210		ug/kg	140	28.	1
Anthracene	220		ug/kg	110	35.	1
Benzo(ghi)perylene	580		ug/kg	140	21.	1
Fluorene	67	J	ug/kg	180	18.	1
Phenanthrene	340		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	640		ug/kg	140	25.	1
Pyrene	1000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	42	J	ug/kg	180	17.	1
2-Methylnaphthalene	77	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	57	J	ug/kg	260	28.	1

Project Name: REGO CENTER III
Lab Number: L2155340
Project Number: 170683801
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02
Client ID: DUP02_101121
Sample Location: QUEENS, NY
Date Collected: 10/11/21 00:00
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	43	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	44		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04
Client ID: SB06_6-8
Sample Location: QUEENS, NY

Date Collected: 10/11/21 09:05
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/21 04:42
Analyst: CMM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	440		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	190	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04 Date Collected: 10/11/21 09:05

Client ID: SB06_6-8 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	290		ug/kg	120	22.	1
Benzo(a)pyrene	330		ug/kg	160	48.	1
Benzo(b)fluoranthene	440		ug/kg	120	33.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	310		ug/kg	120	20.	1
Acenaphthylene	51	J	ug/kg	160	30.	1
Anthracene	68	J	ug/kg	120	38.	1
Benzo(ghi)perylene	300		ug/kg	160	23.	1
Fluorene	32	J	ug/kg	200	19.	1
Phenanthrene	260		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	63	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	160	27.	1
Pyrene	400		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	21	J	ug/kg	200	18.	1
2-Methylnaphthalene	44	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	39	J	ug/kg	280	31.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04 Date Collected: 10/11/21 09:05

Client ID: SB06_6-8 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	32	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	60		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05
Client ID: SB07_NE_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 10:20
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/13/21 05:53
Analyst: CMM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	46	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	640		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	220		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	92	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05 Date Collected: 10/11/21 10:20

Client ID: SB07_NE_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	360		ug/kg	110	20.	1
Benzo(a)pyrene	340		ug/kg	140	43.	1
Benzo(b)fluoranthene	500		ug/kg	110	30.	1
Benzo(k)fluoranthene	140		ug/kg	110	28.	1
Chrysene	360		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	100	J	ug/kg	110	34.	1
Benzo(ghi)perylene	270		ug/kg	140	21.	1
Fluorene	95	J	ug/kg	180	17.	1
Phenanthrene	320		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	140	25.	1
Pyrene	600		ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	460		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: REGO CENTER III **Lab Number:** L2155340

Project Number: 170683801 **Report Date:** 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05 Date Collected: 10/11/21 10:20

Client ID: SB07_NE_0-2 Date Received: 10/11/21

Sample Location: QUEENS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	41	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	52		18-120

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/12/21 20:50
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557428-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/12/21 20:50
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557428-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/12/21 20:50
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 10/12/21 08:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05 Batch: WG1557428-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557428-2 WG1557428-3								
Acenaphthene	74		71		31-137	4		50
1,2,4-Trichlorobenzene	80		77		38-107	4		50
Hexachlorobenzene	81		77		40-140	5		50
Bis(2-chloroethyl)ether	75		74		40-140	1		50
2-Chloronaphthalene	79		77		40-140	3		50
1,2-Dichlorobenzene	78		75		40-140	4		50
1,3-Dichlorobenzene	77		74		40-140	4		50
1,4-Dichlorobenzene	78		74		28-104	5		50
3,3'-Dichlorobenzidine	67		63		40-140	6		50
2,4-Dinitrotoluene	84		82		40-132	2		50
2,6-Dinitrotoluene	85		81		40-140	5		50
Fluoranthene	81		79		40-140	3		50
4-Chlorophenyl phenyl ether	76		73		40-140	4		50
4-Bromophenyl phenyl ether	78		75		40-140	4		50
Bis(2-chloroisopropyl)ether	68		65		40-140	5		50
Bis(2-chloroethoxy)methane	80		76		40-117	5		50
Hexachlorobutadiene	77		73		40-140	5		50
Hexachlorocyclopentadiene	**33**	Q	**32**	Q	40-140	3		50
Hexachloroethane	81		79		40-140	3		50
Isophorone	84		81		40-140	4		50
Naphthalene	76		72		40-140	5		50
Nitrobenzene	84		81		40-140	4		50
NDPA/DPA	79		76		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557428-2 WG1557428-3								
n-Nitrosodi-n-propylamine	84		81		32-121	4		50
Bis(2-ethylhexyl)phthalate	91		84		40-140	8		50
Butyl benzyl phthalate	93		88		40-140	6		50
Di-n-butylphthalate	90		86		40-140	5		50
Di-n-octylphthalate	91		84		40-140	8		50
Diethyl phthalate	82		78		40-140	5		50
Dimethyl phthalate	85		81		40-140	5		50
Benzo(a)anthracene	77		73		40-140	5		50
Benzo(a)pyrene	81		76		40-140	6		50
Benzo(b)fluoranthene	83		79		40-140	5		50
Benzo(k)fluoranthene	77		72		40-140	7		50
Chrysene	76		73		40-140	4		50
Acenaphthylene	80		77		40-140	4		50
Anthracene	82		79		40-140	4		50
Benzo(ghi)perylene	82		78		40-140	5		50
Fluorene	78		75		40-140	4		50
Phenanthrene	80		78		40-140	3		50
Dibenzo(a,h)anthracene	83		81		40-140	2		50
Indeno(1,2,3-cd)pyrene	84		80		40-140	5		50
Pyrene	81		78		35-142	4		50
Biphenyl	78		74		37-127	5		50
4-Chloroaniline	83		77		40-140	8		50
2-Nitroaniline	84		79		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557428-2 WG1557428-3								
3-Nitroaniline	71		68		26-129	4		50
4-Nitroaniline	78		75		41-125	4		50
Dibenzofuran	77		74		40-140	4		50
2-Methylnaphthalene	78		75		40-140	4		50
1,2,4,5-Tetrachlorobenzene	76		72		40-117	5		50
Acetophenone	88		85		14-144	3		50
2,4,6-Trichlorophenol	80		76		30-130	5		50
p-Chloro-m-cresol	87		84		26-103	4		50
2-Chlorophenol	82		79		25-102	4		50
2,4-Dichlorophenol	90		86		30-130	5		50
2,4-Dimethylphenol	92		89		30-130	3		50
2-Nitrophenol	84		82		30-130	2		50
4-Nitrophenol	81		81		11-114	0		50
2,4-Dinitrophenol	44		47		4-130	7		50
4,6-Dinitro-o-cresol	70		72		10-130	3		50
Pentachlorophenol	68		66		17-109	3		50
Phenol	80		79		26-90	1		50
2-Methylphenol	84		84		30-130.	0		50
3-Methylphenol/4-Methylphenol	92		90		30-130	2		50
2,4,5-Trichlorophenol	79		76		30-130	4		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	90		88		40-140	2		50
Carbazole	82		80		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 Batch: WG1557428-2 WG1557428-3								
1,4-Dioxane	52		51		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		74		25-120
Phenol-d6	83		82		10-120
Nitrobenzene-d5	85		84		23-120
2-Fluorobiphenyl	76		71		30-120
2,4,6-Tribromophenol	85		81		10-136
4-Terphenyl-d14	84		80		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: SB06_6-8	Associated sample(s): 01-02,04-05					QC Batch ID: WG1557428-4			WG1557428-5		QC Sample: L2155340-04	
Acenaphthene	27J	1600	1300	81		1200	75		31-137	8		50
1,2,4-Trichlorobenzene	ND	1600	1400	87		1300	82		38-107	7		50
Hexachlorobenzene	ND	1600	1300	81		1200	75		40-140	8		50
Bis(2-chloroethyl)ether	ND	1600	1400	87		1300	82		40-140	7		50
2-Chloronaphthalene	ND	1600	1400	87		1300	82		40-140	7		50
1,2-Dichlorobenzene	ND	1600	1400	87		1300	82		40-140	7		50
1,3-Dichlorobenzene	ND	1600	1300	81		1300	82		40-140	0		50
1,4-Dichlorobenzene	ND	1600	1400	87		1300	82		28-104	7		50
3,3'-Dichlorobenzidine	ND	1600	920	57		810	51		40-140	13		50
2,4-Dinitrotoluene	ND	1600	1500	93		1400	88		40-132	7		50
2,6-Dinitrotoluene	ND	1600	1400	87		1300	82		40-140	7		50
Fluoranthene	440	1600	1700	78		1600	73		40-140	6		50
4-Chlorophenyl phenyl ether	ND	1600	1300	81		1200	75		40-140	8		50
4-Bromophenyl phenyl ether	ND	1600	1300	81		1200	75		40-140	8		50
Bis(2-chloroisopropyl)ether	ND	1600	1300	81		1200	75		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1600	1400	87		1400	88		40-117	0		50
Hexachlorobutadiene	ND	1600	1300	81		1200	75		40-140	8		50
Hexachlorocyclopentadiene	ND	1600	360J	**22**	Q	200J	**13**	Q	40-140	**57**	Q	50
Hexachloroethane	ND	1600	1400	87		1400	88		40-140	0		50
Isophorone	ND	1600	1500	93		1400	88		40-140	7		50
Naphthalene	190J	1600	1500	93		1600	100		40-140	6		50
Nitrobenzene	ND	1600	1500	93		1400	88		40-140	7		50
NDPA/DPA	ND	1600	1300	81		1300	82		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: SB06_6-8	Associated sample(s): 01-02,04-05		QC Batch ID: WG1557428-4			WG1557428-5			QC Sample: L2155340-04			
n-Nitrosodi-n-propylamine	ND	1600	1500	93		1500	94		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1600	1600	100		1400	88		40-140	13		50
Butyl benzyl phthalate	ND	1600	1500	93		1400	88		40-140	7		50
Di-n-butylphthalate	ND	1600	1500	93		1400	88		40-140	7		50
Di-n-octylphthalate	ND	1600	1500	93		1400	88		40-140	7		50
Diethyl phthalate	ND	1600	1400	87		1300	82		40-140	7		50
Dimethyl phthalate	ND	1600	1500	93		1400	88		40-140	7		50
Benzo(a)anthracene	290	1600	1500	75		1400	70		40-140	7		50
Benzo(a)pyrene	330	1600	1500	73		1300	61		40-140	14		50
Benzo(b)fluoranthene	440	1600	1600	72		1400	60		40-140	13		50
Benzo(k)fluoranthene	140	1600	1300	72		1300	73		40-140	0		50
Chrysene	310	1600	1500	74		1400	68		40-140	7		50
Acenaphthylene	51J	1600	1400	87		1300	82		40-140	7		50
Anthracene	68J	1600	1400	87		1400	88		40-140	0		50
Benzo(ghi)perylene	300	1600	1400	68		1300	63		40-140	7		50
Fluorene	32J	1600	1400	87		1200	75		40-140	15		50
Phenanthrene	260	1600	1600	83		1500	78		40-140	6		50
Dibenzo(a,h)anthracene	63J	1600	1200	75		1200	75		40-140	0		50
Indeno(1,2,3-cd)pyrene	290	1600	1500	75		1400	70		40-140	7		50
Pyrene	400	1600	1700	81		1600	75		35-142	6		50
Biphenyl	ND	1600	1400	87		1300	82		37-127	7		50
4-Chloroaniline	ND	1600	1400	87		1300	82		40-140	7		50
2-Nitroaniline	ND	1600	1400	87		1400	88		47-134	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557428-4 WG1557428-5 QC Sample: L2155340-04 Client ID: SB06_6-8												
3-Nitroaniline	ND	1600	1000	62		960	60		26-129	4		50
4-Nitroaniline	ND	1600	1300	81		1200	75		41-125	8		50
Dibenzofuran	21J	1600	1300	81		1200	75		40-140	8		50
2-Methylnaphthalene	44J	1600	1400	87		1400	88		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1600	1300	81		1300	82		40-117	0		50
Acetophenone	ND	1600	1600	100		1500	94		14-144	6		50
2,4,6-Trichlorophenol	ND	1600	1400	87		1300	82		30-130	7		50
p-Chloro-m-cresol	ND	1600	1500	93		1400	88		26-103	7		50
2-Chlorophenol	ND	1600	1400	87		1400	88		25-102	0		50
2,4-Dichlorophenol	ND	1600	1600	100		1500	94		30-130	6		50
2,4-Dimethylphenol	ND	1600	1600	100		1500	94		30-130	6		50
2-Nitrophenol	ND	1600	1400	87		1400	88		30-130	0		50
4-Nitrophenol	ND	1600	1400	87		1300	82		11-114	7		50
2,4-Dinitrophenol	ND	1600	130J	8		ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1600	560	35		240J	15		10-130	**80**	Q	50
Pentachlorophenol	ND	1600	1300	81		1200	75		17-109	8		50
Phenol	ND	1600	1400	87		1400	88		26-90	0		50
2-Methylphenol	ND	1600	1500	93		1400	88		30-130.	7		50
3-Methylphenol/4-Methylphenol	39J	1600	1700	110		1600	100		30-130	6		50
2,4,5-Trichlorophenol	ND	1600	1400	87		1300	82		30-130	7		50
Benzoic Acid	ND	1600	ND	**0**	Q	ND	**0**	Q	10-110	NC		50
Benzyl Alcohol	ND	1600	1600	100		1500	94		40-140	6		50
Carbazole	32J	1600	1400	87		1400	88		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557428-4 WG1557428-5 QC Sample: L2155340-04 Client ID: SB06_6-8												
1,4-Dioxane	ND	1600	840	52		760	48		40-140	10		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	92		85		10-136
2-Fluorobiphenyl	81		77		30-120
2-Fluorophenol	81		78		25-120
4-Terphenyl-d14	79		75		18-120
Nitrobenzene-d5	94		91		23-120
Phenol-d6	92		87		10-120

METALS

Project Name: REGO CENTER III
Lab Number: L2155340
Project Number: 170683801
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY
Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3600		mg/kg	8.35	2.26	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Antimony, Total	4.29		mg/kg	4.18	0.317	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Arsenic, Total	5.51		mg/kg	0.835	0.174	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Barium, Total	98.5		mg/kg	0.835	0.145	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Beryllium, Total	0.484		mg/kg	0.418	0.028	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Cadmium, Total	1.24		mg/kg	0.835	0.082	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Calcium, Total	8230		mg/kg	8.35	2.92	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Chromium, Total	16.7		mg/kg	0.835	0.080	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Cobalt, Total	6.09		mg/kg	1.67	0.139	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Copper, Total	113		mg/kg	0.835	0.216	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Iron, Total	15500		mg/kg	4.18	0.754	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Lead, Total	773		mg/kg	4.18	0.224	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Magnesium, Total	2770		mg/kg	8.35	1.29	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Manganese, Total	153		mg/kg	0.835	0.133	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Mercury, Total	0.606		mg/kg	0.081	0.053	1	10/12/21 14:09	10/13/21 08:56	EPA 7471B	1,7471B	AC
Nickel, Total	19.7		mg/kg	2.09	0.202	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Potassium, Total	490		mg/kg	209	12.0	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Selenium, Total	0.267	J	mg/kg	1.67	0.216	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.835	0.236	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Sodium, Total	130	J	mg/kg	167	2.63	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.67	0.263	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Vanadium, Total	32.8		mg/kg	0.835	0.170	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV
Zinc, Total	430		mg/kg	4.18	0.245	2	10/12/21 13:53	10/12/21 20:04	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02
Client ID: DUP02_101121
Sample Location: QUEENS, NY
Date Collected: 10/11/21 00:00
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3790		mg/kg	8.48	2.29	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Antimony, Total	1.58	J	mg/kg	4.24	0.322	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Arsenic, Total	4.60		mg/kg	0.848	0.176	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Barium, Total	86.1		mg/kg	0.848	0.148	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Beryllium, Total	0.390	J	mg/kg	0.424	0.028	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Cadmium, Total	1.01		mg/kg	0.848	0.083	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Calcium, Total	16500		mg/kg	8.48	2.97	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Chromium, Total	14.9		mg/kg	0.848	0.081	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Cobalt, Total	4.50		mg/kg	1.70	0.141	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Copper, Total	240		mg/kg	0.848	0.219	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Iron, Total	11600		mg/kg	4.24	0.766	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Lead, Total	578		mg/kg	4.24	0.227	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Magnesium, Total	6070		mg/kg	8.48	1.30	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Manganese, Total	120		mg/kg	0.848	0.135	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Mercury, Total	0.276		mg/kg	0.077	0.050	1	10/12/21 14:09	10/13/21 08:59	EPA 7471B	1,7471B	AC
Nickel, Total	14.8		mg/kg	2.12	0.205	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Potassium, Total	418		mg/kg	212	12.2	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Selenium, Total	0.339	J	mg/kg	1.70	0.219	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Silver, Total	0.729	J	mg/kg	0.848	0.240	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Sodium, Total	123	J	mg/kg	170	2.67	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.70	0.267	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Vanadium, Total	29.6		mg/kg	0.848	0.172	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV
Zinc, Total	298		mg/kg	4.24	0.248	2	10/12/21 13:53	10/12/21 20:09	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Lab Number: L2155340
Project Number: 170683801
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04
Client ID: SB06_6-8
Sample Location: QUEENS, NY
Date Collected: 10/11/21 09:05
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5280		mg/kg	9.22	2.49	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Antimony, Total	11.2		mg/kg	4.61	0.350	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Arsenic, Total	5.60		mg/kg	0.922	0.192	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Barium, Total	188		mg/kg	0.922	0.160	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Beryllium, Total	0.387	J	mg/kg	0.461	0.030	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Cadmium, Total	0.664	J	mg/kg	0.922	0.090	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Calcium, Total	4940		mg/kg	9.22	3.23	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Chromium, Total	15.4		mg/kg	0.922	0.089	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Cobalt, Total	5.91		mg/kg	1.84	0.153	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Copper, Total	287		mg/kg	0.922	0.238	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Iron, Total	20200		mg/kg	4.61	0.832	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Lead, Total	266		mg/kg	4.61	0.247	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Magnesium, Total	1160		mg/kg	9.22	1.42	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Manganese, Total	290		mg/kg	0.922	0.146	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Mercury, Total	0.293		mg/kg	0.091	0.059	1	10/12/21 14:09	10/13/21 08:18	EPA 7471B	1,7471B	AC
Nickel, Total	11.9		mg/kg	2.30	0.223	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Potassium, Total	505		mg/kg	230	13.3	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Selenium, Total	0.369	J	mg/kg	1.84	0.238	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.922	0.261	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Sodium, Total	256		mg/kg	184	2.90	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.84	0.290	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Vanadium, Total	20.7		mg/kg	0.922	0.187	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV
Zinc, Total	282		mg/kg	4.61	0.270	2	10/12/21 13:53	10/12/21 18:49	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Lab Number: L2155340
Project Number: 170683801
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05
Client ID: SB07_NE_0-2
Sample Location: QUEENS, NY
Date Collected: 10/11/21 10:20
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4760		mg/kg	8.27	2.23	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Antimony, Total	1.50	J	mg/kg	4.13	0.314	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Arsenic, Total	3.41		mg/kg	0.827	0.172	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Barium, Total	127		mg/kg	0.827	0.144	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Beryllium, Total	0.405	J	mg/kg	0.413	0.027	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Cadmium, Total	0.810	J	mg/kg	0.827	0.081	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Calcium, Total	10300		mg/kg	8.27	2.89	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Chromium, Total	17.4		mg/kg	0.827	0.079	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Cobalt, Total	6.15		mg/kg	1.65	0.137	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Copper, Total	96.8		mg/kg	0.827	0.213	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Iron, Total	12200		mg/kg	4.13	0.746	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Lead, Total	308		mg/kg	4.13	0.222	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Magnesium, Total	1780		mg/kg	8.27	1.27	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Manganese, Total	202		mg/kg	0.827	0.131	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Mercury, Total	0.148		mg/kg	0.074	0.048	1	10/12/21 14:09	10/13/21 09:02	EPA 7471B	1,7471B	AC
Nickel, Total	12.9		mg/kg	2.07	0.200	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Potassium, Total	478		mg/kg	207	11.9	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Selenium, Total	0.240	J	mg/kg	1.65	0.213	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.827	0.234	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Sodium, Total	250		mg/kg	165	2.60	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.65	0.260	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Vanadium, Total	24.6		mg/kg	0.827	0.168	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV
Zinc, Total	370		mg/kg	4.13	0.242	2	10/12/21 13:53	10/12/21 20:13	EPA 3050B	1,6010D	SV

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1557520-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Chromium, Total	0.096	J	mg/kg	0.400	0.038	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Iron, Total	0.696	J	mg/kg	2.00	0.361	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Manganese, Total	0.212	J	mg/kg	0.400	0.064	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Sodium, Total	3.11	J	mg/kg	80.0	1.26	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	10/12/21 13:53	10/12/21 18:40	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-05 Batch: WG1557524-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/12/21 14:09	10/13/21 08:12	1,7471B	AC

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1557520-2 SRM Lot Number: D109-540								
Aluminum, Total	68		-		50-150	-		
Antimony, Total	160		-		19-250	-		
Arsenic, Total	95		-		70-130	-		
Barium, Total	90		-		75-125	-		
Beryllium, Total	90		-		75-125	-		
Cadmium, Total	90		-		75-125	-		
Calcium, Total	87		-		73-128	-		
Chromium, Total	90		-		70-130	-		
Cobalt, Total	92		-		75-125	-		
Copper, Total	90		-		75-125	-		
Iron, Total	82		-		35-165	-		
Lead, Total	90		-		72-128	-		
Magnesium, Total	83		-		62-138	-		
Manganese, Total	86		-		74-126	-		
Nickel, Total	92		-		70-130	-		
Potassium, Total	83		-		59-141	-		
Selenium, Total	93		-		68-132	-		
Silver, Total	94		-		68-131	-		
Sodium, Total	165		-		35-165	-		
Thallium, Total	94		-		68-131	-		
Vanadium, Total	85		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1557520-2 SRM Lot Number: D109-540					
Zinc, Total	91	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 Batch: WG1557524-2 SRM Lot Number: D109-540					
Mercury, Total	88	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557520-3 WG1557520-4 QC Sample: L2155340-04 Client ID: SB06_6-8												
Aluminum, Total	5280	184	5810	**289**	Q	8240	**1620**	Q	75-125	**35**	Q	20
Antimony, Total	11.2	45.9	55.9	97		54.5	94		75-125	3		20
Arsenic, Total	5.60	11	16.0	94		14.2	78		75-125	12		20
Barium, Total	188	184	364	96		316	**70**	Q	75-125	14		20
Beryllium, Total	0.387J	4.59	4.16	91		4.16	91		75-125	0		20
Cadmium, Total	0.664J	4.86	4.71	97		4.51	93		75-125	4		20
Calcium, Total	4940	918	5250	**34**	Q	4290	**0**	Q	75-125	20		20
Chromium, Total	15.4	18.4	30.9	84		32.8	95		75-125	6		20
Cobalt, Total	5.91	45.9	42.9	81		43.0	81		75-125	0		20
Copper, Total	287	22.9	266	**0**	Q	240	**0**	Q	75-125	10		20
Iron, Total	20200	91.8	21000	**872**	Q	22000	**1970**	Q	75-125	5		20
Lead, Total	266	48.6	405	**286**	Q	386	**247**	Q	75-125	5		20
Magnesium, Total	1160	918	1880	78		2190	112		75-125	15		20
Manganese, Total	290	45.9	334	96		291	**2**	Q	75-125	14		20
Nickel, Total	11.9	45.9	48.7	80		48.0	79		75-125	1		20
Potassium, Total	505	918	1330	90		1350	92		75-125	1		20
Selenium, Total	0.369J	11	9.21	84		9.14	83		75-125	1		20
Silver, Total	ND	27.5	24.9	90		24.9	91		75-125	0		20
Sodium, Total	256	918	1070	89		1060	88		75-125	1		20
Thallium, Total	ND	11	8.49	77		8.40	76		75-125	1		20
Vanadium, Total	20.7	45.9	59.5	84		61.6	89		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557520-3 WG1557520-4 QC Sample: L2155340-04 Client ID: SB06_6-8											
Zinc, Total	282	45.9	330	105	229	**0**	Q	75-125	**36**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557524-3 WG1557524-4 QC Sample: L2155340-04 Client ID: SB06_6-8											
Mercury, Total	0.293	0.181	0.469	97	0.452	86		80-120	4		20

Project Name: REGO CENTER III
Project Number: 170683801

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2155340
Report Date: 10/13/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557520-6 QC Sample: L2155340-04 Client ID: SB06_6-8						
Aluminum, Total	5280	5610	mg/kg	6		20
Barium, Total	188	196	mg/kg	4		20
Calcium, Total	4940	5300	mg/kg	7		20
Copper, Total	287	308	mg/kg	7		20
Iron, Total	20200	22000	mg/kg	9		20
Lead, Total	266	316	mg/kg	19		20
Magnesium, Total	1160	1320	mg/kg	14		20
Manganese, Total	290	313	mg/kg	8		20
Zinc, Total	282	332	mg/kg	18		20

INORGANICS
&
MISCELLANEOUS

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-01
Client ID: SB06_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 08:45
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	10/12/21 07:23	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-02
Client ID: DUP02_101121
Sample Location: QUEENS, NY

Date Collected: 10/11/21 00:00
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	10/12/21 07:23	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801
Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-04
Client ID: SB06_6-8
Sample Location: QUEENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/11/21 09:05
Date Received: 10/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	10/12/21 07:23	121,2540G	RI

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

SAMPLE RESULTS

Lab ID: L2155340-05
Client ID: SB07_NE_0-2
Sample Location: QUEENS, NY

Date Collected: 10/11/21 10:20
Date Received: 10/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	10/12/21 07:23	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: REGO CENTER III

Project Number: 170683801

Lab Number: L2155340

Report Date: 10/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05 QC Batch ID: WG1557368-1 QC Sample: L2155340-04 Client ID: SB06_6-8						
Solids, Total	82.5	82.2	%	0		20

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155340-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-01B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-01C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-01D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2155340-01F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-02A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-02B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-02C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-02D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2155340-02F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-03A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-03B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-03C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 12:58	HOLD-8260HLW(14)
L2155340-03D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-03E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-03F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155340-04A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-04A1	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-04A2	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-04B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04B1	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04B2	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04C1	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04C2	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-04D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-04D1	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-04D2	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2155340-04E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2155340-04E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2155340-04F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-04F1	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-04F2	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-05A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2155340-05B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)
L2155340-05C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155340-05D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2155340-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2155340-05F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14)
L2155340-06A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-06B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-06C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-06D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-06E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-06F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-07A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-07B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-07C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-07D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-07E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-07F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-08A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-08B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-08C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-08D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-08E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-08F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-09A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-09B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-09C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-09D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-09E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Project Name: REGO CENTER III
Project Number: 170683801

Lab Number: L2155340
Report Date: 10/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2155340-09F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-10A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-10B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-10C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-10D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-10E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-10F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-11A	Vial MeOH preserved	A	NA		4.2	Y	Absent		HOLD-8260HLW(14)
L2155340-11B	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-11C	Vial water preserved	A	NA		4.2	Y	Absent	12-OCT-21 04:26	HOLD-8260HLW(14)
L2155340-11D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		HOLD-WETCHEM()
L2155340-11E	Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		HOLD-METAL(180)
L2155340-11F	Glass 120ml/4oz unpreserved	A	NA		4.2	Y	Absent		HOLD-8270(14)
L2155340-12A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2155340-12B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2155340-12C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2155340-12D	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)

Container Comments

L2155340-05E	Container label ID reads SB07_NE_6-8
L2155340-05F	Container label ID reads SB07_NE_6-8

*Values in parentheses indicate holding time in days

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	REGO CENTER III	**Lab Number:**	L2155340
Project Number:	170683801	**Report Date:**	10/13/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 10/12/21

ALPHA Job #: L2155340

Client Information
Client: Langan DPC
Address: 360 W. 31st Street, 8th Fl
New York, NY
Phone: 212 479 5400
Fax:
Email: SKnoop@langan.com; JSpalding@langan.com

Project Information
Project Name: Bego Center III
Project Location: Queens, NY
Project #: 170683801
(Use Project name as Project #)
Project Manager: Stuart Knoop
ALPHAQuote #:

Turn-Around Time
Standard ☐ Rush (only if pre approved) ☒
Due Date:
# of Days: 48hrs (2days)

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* HOLD/RUN as indicated in Comments

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375/TCL VOCs	Part 375/TCL SVOCs	TAL Metals	Sample Specific Comments
55340-01	SB06_0-2	10/11/2021	8:45	S	FB	X	X	X	RUN
02	DupO2_10111					X	X	X	RUN
03	SB06_10-11		9:00			X	X	X	HOLD
04	SB06_6-8		9:05			X	X	X	RUN; RUN MS/MSD
	~~SB06_6-8_MS~~		~~9:10~~			X	X	X	~~RUN~~
	~~SB06_6-8_MSD~~		~~9:15~~			X	X	X	~~RUN~~
05	SB07_NE_0-2		10:20			X	X	X	RUN
06	SB07_NE_6-8		10:35			X	X	X	HOLD
07	SB07_S_0-2		10:50			X	X	X	HOLD
08	SB07_S_6-8		11:00			X	X	X	HOLD

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Fariella Brazier (Langan)	10/11/2021 16:20	MSP Pkgd	10/11/21 16:20
MSP Pkgd	10/11/21 19:10	[illegible] AAL	10/11/21 21:30
[illegible] AAL		[illegible]	10/12/21 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S ~~TERMS & CONDITIONS~~. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 10/12/21

ALPHA Job #: L2155340

Client Information
Client: Langan DPC
Address: 300 W. 31st St, 8th fl New York, NY
Phone: 212 479 5400
Fax:
Email: SKnoop@langan.com; JGolding@langan.com

Project Information
Project Name: Knoop Center III
Project Location: 170683801 ↑ Queens, NY
Project #: ↓
(Use Project name as Project #)
Project Manager: Stuart Knoop
ALPHAQuote #:

Turn-Around Time
Standard ☐
Rush (only if pre approved) ☒
Due Date:
# of Days: 2days (48 hrs)

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
*HOLD/Run as indicated in comments

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 STL VOCs	Part 375 STL SVOCs	TAL Metals	Sample Specific Comments	Total Bottle
55340-09	SB07_NW_0-2	10/11/2021	11:55	S	FB	X	X	X	HOLD	
10	SB07_SE_0-2	10/11/2021	11:50	S	FB	X	X	X	HOLD	
11	SB07_2-3	10/11/2021	12:45	S	FB	X	X	X	HOLD	
12	TB02-101121	10/11/2021	13:30	S	FB	X			Run	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Fariel Brazier (Langan)	10/11/2021 15:20	[illegible]	10/11/21 15:20
[illegible]	10/11/21 19:12	[illegible]	10/11/21 20:20
[illegible]	[illegible]	[illegible]	10/12/21 [illegible]
[illegible]	10/12/2021	[illegible]	10/12/21 02:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)