

PROGRESS REPORT #7
La Central Redevelopment Project
Bronx, New York
Brownfield Cleanup Agreement Index #C203086
Reporting Period: April 2017

Introduction

In accordance with the Brownfield Cleanup Agreement (BCA) (Index #C203086), dated October 11, 2016, this Progress Report was prepared to describe the remedial program activities at the La Central Redevelopment Project site located at 430 Westchester Avenue, Bronx, New York (“Site”) [Site #C203086] for the month of April 2017.

I. Actions Taken during the Reporting Period

Roux Associates, Inc. and Remedial Engineering, P.C. (hereafter collectively referred to as “Roux Associates”) performed or participated in the following activities relative to the Brownfield Cleanup Agreement:

- Revisions to the RIR/RAWP were submitted to NYSDEC on April 6, 2017;
- An application for an amendment to the Brownfield Cleanup Agreement (BCA) was submitted to NYSDEC on April 10, 2017;
- Completion of public comment period on the RIR/RAWP on April 22, 2017;
- Implement *in situ* waste characterization soil sampling program on the Building D parcel beginning April 27, 2017; and
- Approval of the RIR/RAWP/issuance of the Decision Document was received from NYSDEC/NYSDOH on April 28, 2017.

II. Actions Planned for the Next Reporting Period (May 2017)

The following are anticipated to occur during the next reporting period:

- Receive approval on the NYSDEC BCP Amendment Application;
- Place copies of the NYSDEC/NYSDOH approved RIR/RAWP in the document repositories; and
- Submit Building D waste characterization soil sampling results.

III. Changes to Scope of Work or Schedule

The current schedule is provided as follows:

<i>Schedule</i>	
BCA Executed	October 11, 2016
RIWP and CPP Approved	October 18, 2016
Implement RIWP	October 19, 2016
Submit Remedial RIR/RAWP	January 4, 2017
Submit RIR/RAWP revisions	February 2017
Implement pre-design sampling and <i>in situ</i> waste characterization sampling	March 2017
RIR/RAWP Comment Period Complete	April 22, 2017
Receive Decision Document approving RIR/RAWP	April 28, 2017
Start Construction / Implement RAWP – Building D Parcel	May 2017
Start Construction / Implement RAWP – Building A & B Parcels	October 2017
Draft Site Management Plan (SMP)	TBD
SMP Approval/Submittal of Electronic Data in EQUIS format/EE Executed	TBD
Draft Final Engineering Report (FER)	TBD
Recording of EE and Notices Provided	TBD
Submit Final FER	TBD
Certificate of Completion	TBD

IV. Sampling and Other Data Received or Generated during the Reporting Period

- Sampling summary tables and figures for the Pre-design sampling and waste characterization soil sampling program will be included with this progress report; these results apply to Buildings A and B only. Building D results are pending.

V. Deliverables Submitted during the Reporting Period

- Revisions to the RIR/RAWP were submitted to NYSDEC on April 6, 2017;
- An application for an amendment to the Brownfield Cleanup Agreement (BCA) was submitted to NYSDEC on April 10, 2017; and
- Progress Report #6 was submitted to NYSDEC on April 10, 2017.

VI. Percentage of Work Completion and Any Delays

Remedial Investigation activities are 100% complete. Pre-design activities are 100% complete. *In situ* waste characterization soil sampling is 100% complete. Pre-remediation sampling on the de-mapped E 152nd Street portion of the Building B parcel is 0% complete.

VII. Citizen Participation Plan Actions Taken during the Reporting Period

- No CPP actions were taken during this reporting period.

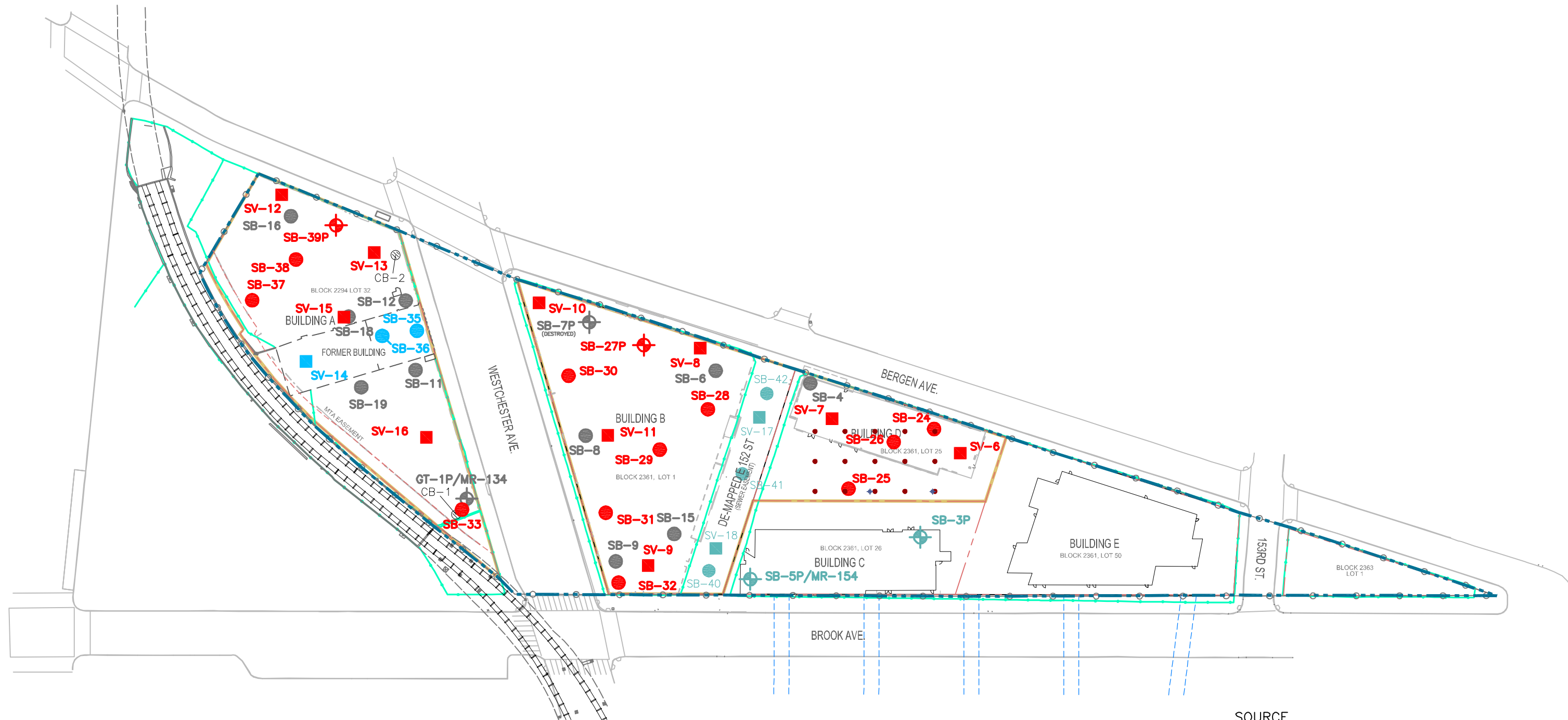
VIII. Citizen Participation Plan Actions Planned for the Next Reporting Period

- Place the NYSDEC/NYSDOH approved RIR/RAWP in the document repositories.
- Fact Sheet announcing the start of remediation will be distributed by NYSDEC.

Progress Report No. 7
Reporting Period: April 2017
La Central Redevelopment Project

FIGURE

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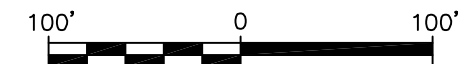


LEGEND

- | | |
|--|--|
| ■ SOIL VAPOR LOCATION | ■ SOIL VAPOR TO BE COMPLETED AS PRE-REMEDATION TASK |
| ● SOIL BORING/ GW GRAB LOCATION | ● SOIL BORING TO BE COMPLETED AS PRE-REMEDATION TASK |
| ⊕ SOIL BORING/ MONITORING WELL LOCATION | ⊕ APPROXIMATE OFF-SITE PREVIOUS MONITORING WELL LOCATION |
| ● APPROXIMATE PREVIOUS SOIL SAMPLING LOCATION | — LA CENTRAL PHASE I BCP SITE BOUNDARY |
| ⊕ APPROXIMATE PREVIOUS MONITORING WELL LOCATION | — LA CENTRAL REDEVELOPMENT PROJECT SITE BOUNDARY |
| ■ SOIL VAPOR SAMPLING LOCATION COMPLETED AS PRE-DESIGN TASK | — CHAIN LINK FENCE |
| ● SOIL BORING SAMPLING LOCATION COMPLETED AS PRE-DESIGN TASK | ⊕ CATCH BASIN (CB) LOCATION |

SOURCE

MEGA ENGINEERING & SURVEYING, P.C., NOVEMBER 2016 SURVEY. BASED ON NAVD88 DATUM.



Title: SAMPLE LOCATION MAP			
LA CENTRAL REDEVELOPMENT BRONX, NEW YORK			
Prepared For: LA CENTRAL MANAGER, LLC			
Remedial REMEDIAL ENGINEERING, P.C. ENVIRONMENTAL ENGINEERS	Compiled by: R.M.	Date: 10MAY17	FIGURE 1
	Prepared by: J.A.D.	Scale: AS SHOWN	
	Project Mgr: R.M.	Project: 2446.0001Y000	
		File: 2446.0001Y126.01.DWG	

ATTACHMENTS

1. Pre-Design Sampling Results
2. Waste Characterization Sampling Results

Pre-Design Sampling Results

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	14	19	14	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
1,1,1,2-Tetrachloroethane	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
1,1,1-Trichloroethane	680	100000	680	UG/KG	1 U	1.1 U	1 U	0.98 U	
1,1,2,2-Tetrachloroethane	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
1,1,2-Trichloroethane	--	--	--	UG/KG	1.5 U	1.7 U	1.5 U	1.5 U	
1,1-Dichloroethane	270	26000	270	UG/KG	1.5 U	1.7 U	1.5 U	1.5 U	
1,1-Dichloroethene	330	100000	330	UG/KG	1 U	1.1 U	1 U	0.98 U	
1,1-Dichloropropene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2,3-Trichloropropane	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.1 U	4.4 U	4 U	3.9 U	
1,2,4-Trichlorobenzene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2,4-Trimethylbenzene	3600	52000	3600	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2-Dibromo-3-Chloropropane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	UG/KG	4.1 U	4.4 U	4 U	3.9 U	
1,2-Dichlorobenzene	1100	100000	1100	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,2-Dichloroethane	20	3100	20	UG/KG	1 U	1.1 U	1 U	0.98 U	
1,2-Dichloropropane	--	--	--	UG/KG	3.6 U	3.9 U	3.5 U	3.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	8400	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,3-Dichlorobenzene	2400	49000	2400	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,3-Dichloropropane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,4-Dichlorobenzene	1800	13000	1800	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	4.1 U	4.4 U	4 U	3.9 U	
1,4-Dioxane (P-Dioxane)	100	13000	100	UG/KG	41 U	44 U	40 U	39 U	
2,2-Dichloropropane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
2-Chlorotoluene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
2-Hexanone	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
4-Chlorotoluene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
4-Ethyltoluene	--	--	--	UG/KG	4.1 U	4.4 U	4 U	3.9 U	
Acetone	50	100000	50	UG/KG	27	12	9.2 J	15	
Acrylonitrile	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	14	19	14	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Benzene	60	4800	60	UG/KG	1 U	1.1 U	1 U	0.98 U	
Bromobenzene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Bromochloromethane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Bromodichloromethane	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Bromoform	--	--	--	UG/KG	4.1 U	4.4 U	4 U	3.9 U	
Bromomethane	--	--	--	UG/KG	2 U	2.2 U	2 U	2 U	
Carbon Disulfide	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
Carbon Tetrachloride	760	2400	760	UG/KG	1 U	1.1 U	1 U	0.98 U	
Chlorobenzene	1100	100000	1100	UG/KG	1 U	1.1 U	1 U	0.98 U	
Chloroethane	--	--	--	UG/KG	2 U	2.2 U	2 U	2 U	
Chloroform	370	49000	370	UG/KG	1.5 U	1.7 U	1.5 U	1.5 U	
Chloromethane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Cis-1,2-Dichloroethylene	250	100000	250	UG/KG	1 U	1.1 U	1 U	0.98 U	
Cis-1,3-Dichloropropene	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Cymene	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Dibromochloromethane	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Dibromomethane	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
Dichlorodifluoromethane	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
Dichloroethylenes	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Diethyl Ether (Ethyl Ether)	--	--	--	UG/KG	5.1 U	5.6 U	5 U	0.34 J	
Ethylbenzene	1000	41000	1000	UG/KG	1 U	1.1 U	1 U	0.98 U	
Hexachlorobutadiene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Isopropylbenzene (Cumene)	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
m,p-Xylene	--	--	--	UG/KG	2 U	2.2 U	2 U	2 U	
Methyl Ethyl Ketone (2-Butanone)	120	100000	120	UG/KG	10 U	11 U	10 U	9.8 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
Methylene Chloride	50	100000	50	UG/KG	10 U	11 U	10 U	9.8 U	
Naphthalene	12000	100000	12000	UG/KG	0.6 J	5.6 U	0.18 J	4.9 U	
N-Butylbenzene	12000	100000	12000	UG/KG	1 U	1.1 U	1 U	0.98 U	
N-Propylbenzene	3900	100000	3900	UG/KG	1 U	1.1 U	1 U	0.98 U	

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					Sample Depth (ft bls):	14	19	14	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
O-Xylene (1,2-Dimethylbenzene)	--	--	--	UG/KG	2 U	2.2 U	2 U	2 U	
Sec-Butylbenzene	11000	100000	11000	UG/KG	1 U	1.1 U	1 U	0.98 U	
Styrene	--	--	--	UG/KG	2 U	2.2 U	2 U	2 U	
T-Butylbenzene	5900	100000	5900	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Tert-Butyl Methyl Ether	930	100000	930	UG/KG	2 U	2.2 U	2 U	2 U	
Tetrachloroethylene (PCE)	1300	19000	1300	UG/KG	0.3 J	1.1 U	1 U	0.98 U	
Toluene	700	100000	700	UG/KG	0.26 J	0.38 J	0.33 J	0.22 J	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Trans-1,2-Dichloroethene	190	100000	190	UG/KG	1.5 U	1.7 U	1.5 U	1.5 U	
Trans-1,3-Dichloropropene	--	--	--	UG/KG	1 U	1.1 U	1 U	0.98 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Trichloroethylene (TCE)	470	21000	470	UG/KG	1 U	1.1 U	1 U	0.98 U	
Trichlorofluoromethane	--	--	--	UG/KG	5.1 U	5.6 U	5 U	4.9 U	
Vinyl Acetate	--	--	--	UG/KG	10 U	11 U	10 U	9.8 U	
Vinyl Chloride	20	900	20	UG/KG	2 U	2.2 U	2 U	2 U	
Xylenes	260	100000	1600	UG/KG	2 U	2.2 U	2 U	2 U	

J - Estimated value

U - Analyte was not detected at or above the reporting limit

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No Standard available

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
1,2,4,5-Tetrachlorobenzene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
1,2,4-Trichlorobenzene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
1,2-Dichlorobenzene	1100	100000	1100	UG/KG	180 U	180 U	180 U	180 U	180 U
1,3-Dichlorobenzene	2400	49000	2400	UG/KG	180 U	180 U	180 U	180 U	180 U
1,4-Dichlorobenzene	1800	13000	1800	UG/KG	180 U	180 U	180 U	180 U	180 U
2,4,5-Trichlorophenol	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2,4,6-Trichlorophenol	--	--	--	UG/KG	110 U	110 U	100 U	110 U	110 U
2,4-Dichlorophenol	--	--	--	UG/KG	160 U	160 U	160 U	160 U	160 U
2,4-Dimethylphenol	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2,4-Dinitrophenol	--	--	--	UG/KG	880 U	880 U	840 U	850 U	850 U
2,4-Dinitrotoluene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2,6-Dinitrotoluene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2-Chloronaphthalene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2-Chlorophenol	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2-Methylnaphthalene	--	--	--	UG/KG	220 U	220 U	210 U	210 U	210 U
2-Methylphenol (O-Cresol)	330	100000	330	UG/KG	180 U	180 U	180 U	180 U	180 U
2-Nitroaniline	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
2-Nitrophenol	--	--	--	UG/KG	400 U	400 U	380 U	380 U	380 U
3- And 4- Methylphenol (Total)	330	100000	330	UG/KG	260 U	260 U	250 U	260 U	260 U
3,3'-Dichlorobenzidine	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
3-Nitroaniline	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	--	UG/KG	480 U	480 U	460 U	460 U	460 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4-Chloro-3-Methylphenol	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4-Chloroaniline	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4-Nitroaniline	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
4-Nitrophenol	--	--	--	UG/KG	260 U	260 U	250 U	250 U	250 U
Acenaphthene	20000	100000	98000	UG/KG	150 U	150 U	140 U	140 U	140 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Acenaphthylene	100000	100000	107000	UG/KG	150 U	150 U	140 U	140 U	
Acetophenone	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Aniline	--	--	--	UG/KG	220 U	220 U	210 U	210 U	
Anthracene	100000	100000	1000000	UG/KG	110 U	110 U	100 U	110 U	
Benzo(A)Anthracene	1000	1000	1000	UG/KG	23 J	110 U	100 U	110 U	
Benzo(A)Pyrene	1000	1000	22000	UG/KG	150 U	150 U	140 U	140 U	
Benzo(B)Fluoranthene	1000	1000	1700	UG/KG	110 U	110 U	100 U	110 U	
Benzo(G,H,I)Perylene	100000	100000	1000000	UG/KG	150 U	150 U	140 U	140 U	
Benzo(K)Fluoranthene	800	3900	1700	UG/KG	110 U	110 U	100 U	110 U	
Benzoic Acid	--	--	--	UG/KG	600 U	600 U	570 U	580 U	
Benzyl Alcohol	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Benzyl Butyl Phthalate	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Biphenyl (Diphenyl)	--	--	--	UG/KG	420 U	420 U	400 U	400 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	190 U	190 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	UG/KG	160 U	160 U	160 U	160 U	
Bis(2-Chloroisopropyl) Ether	--	--	--	UG/KG	220 U	220 U	210 U	210 U	
Bis(2-Ethylhexyl) Phthalate	--	--	--	UG/KG	86 J	180 U	180 U	180 U	
Carbazole	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Chrysene	1000	3900	1000	UG/KG	19 J	110 U	100 U	110 U	
Dibenz(A,H)Anthracene	330	330	1000000	UG/KG	110 U	110 U	100 U	110 U	
Diethyl Phthalate	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Di-N-Butyl Phthalate	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Di-N-Octylphthalate	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Fluoranthene	100000	100000	1000000	UG/KG	39 J	110 U	100 U	110 U	
Fluorene	30000	100000	386000	UG/KG	180 U	180 U	180 U	180 U	
Hexachlorobenzene	330	1200	3200	UG/KG	110 U	110 U	100 U	110 U	
Hexachlorobutadiene	--	--	--	UG/KG	180 U	180 U	180 U	180 U	
Hexachlorocyclopentadiene	--	--	--	UG/KG	530 U	530 U	500 U	510 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Hexachloroethane	--	--	--	UG/KG	150 U	150 U	140 U	140 U	140 U
Indeno(1,2,3-C,D)Pyrene	500	500	8200	UG/KG	150 U	150 U	140 U	140 U	140 U
Isophorone	--	--	--	UG/KG	160 U	160 U	160 U	160 U	160 U
Naphthalene	12000	100000	12000	UG/KG	180 U	180 U	180 U	180 U	180 U
Nitrobenzene	--	--	--	UG/KG	160 U	160 U	160 U	160 U	160 U
N-Nitrosodi-N-Propylamine	--	--	--	UG/KG	180 U	180 U	180 U	180 U	180 U
N-Nitrosodiphenylamine	--	--	--	UG/KG	150 U	150 U	140 U	140 U	140 U
Pentachlorophenol	800	6700	800	UG/KG	150 U	150 U	140 U	140 U	140 U
Phenanthrene	100000	100000	1000000	UG/KG	38 J	110 U	100 U	110 U	110 U
Phenol	330	100000	330	UG/KG	180 U	180 U	180 U	180 U	180 U
Pyrene	100000	100000	1000000	UG/KG	37 J	110 U	100 U	110 U	110 U

J - Estimated value

U - Analyte was not detected at or above the reporting limit

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No Standard available

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aluminum	--	--	--	MG/KG	7200	4500	7800	3700	
Antimony	--	--	--	MG/KG	0.33 J	4.5 U	0.36 J	4.3 U	
Arsenic	13	16	16	MG/KG	1.1	0.78 J	0.98	0.74 J	
Barium	350	400	820	MG/KG	53	20	30	20	
Beryllium	7.2	72	47	MG/KG	0.19 J	0.08 J	0.19 J	0.06 J	
Cadmium	2.5	4.3	7.5	MG/KG	0.86 U	0.91 U	0.85 U	0.86 U	
Calcium	--	--	--	MG/KG	10000	1200	1100	1000	
Chromium, Hexavalent	1	110	19	MG/KG	0.91 U	0.91 U	0.87 U	0.88 U	
Chromium, Total	30	180	--	MG/KG	16	17	17	15	
Cobalt	--	--	--	MG/KG	5.3	4.5	5.6	3.4	
Copper	50	270	1720	MG/KG	21	14	12	9.7	
Cyanide	27	27	40	MG/KG	1 U	1.1 U	1 U	1 U	
Iron	--	--	--	MG/KG	12000	9900	14000	9200	
Lead	63	400	450	MG/KG	23	3.1 J	2.6 J	1.7 J	
Magnesium	--	--	--	MG/KG	3300	2200	3200	2000	
Manganese	1600	2000	2000	MG/KG	420	160	300	170	
Mercury	0.18	0.81	0.73	MG/KG	0.06 J	0.09 U	0.08 U	0.08 U	
Nickel	30	310	130	MG/KG	28	9.6	13	8.2	
Potassium	--	--	--	MG/KG	890	1500	940	1200	
Selenium	3.9	180	4	MG/KG	1.7 U	1.8 U	1.7 U	1.7 U	
Silver	2	180	8.3	MG/KG	0.86 U	0.91 U	0.85 U	0.86 U	
Sodium	--	--	--	MG/KG	130 J	120 J	110 J	95 J	
Thallium	--	--	--	MG/KG	1.7 U	1.8 U	1.7 U	1.7 U	
Vanadium	--	--	--	MG/KG	20	19	23	16	
Zinc	109	10000	2480	MG/KG	47	42	31	19	

J - Estimated value

U - Analyte was not detected at or above the reporting limit

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No Standard available

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
PCB-1016 (Aroclor 1016)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1221 (Aroclor 1221)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1232 (Aroclor 1232)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1242 (Aroclor 1242)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1248 (Aroclor 1248)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1254 (Aroclor 1254)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1260 (Aroclor 1260)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	36 U	36.9 U	35.4 U	35.3 U	
Polychlorinated Biphenyl (PCBs)	100	1000	3200	UG/KG	36 U	36.9 U	35.4 U	35.3 U	

U - Analyte was not detected at or above the reporting limit

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No Standard available

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation:	SB-35	SB-35	SB-36	SB-36
					Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
					Sample Depth (ft bls):	13 - 15	18 - 20	13 - 15	18 - 20
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	UG/KG	187 U	185 U	177 U	182 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	UG/KG	187 U	185 U	177 U	182 U	
Aldrin	5	97	190	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	20	UG/KG	0.718 U	0.721 U	0.698 U	0.711 U	
Alpha Endosulfan	2400	24000	102000	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	90	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Beta Endosulfan	2400	24000	102000	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Chlordane	--	--	--	UG/KG	14 U	14.1 U	13.6 U	13.9 U	
cis-Chlordane	94	4200	2900	UG/KG	2.15 U	2.16 U	2.1 U	2.13 U	
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	250	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Dieldrin	5	200	100	UG/KG	1.08 U	1.08 U	1.05 U	1.07 U	
Endosulfan Sulfate	2400	24000	1000000	UG/KG	0.718 U	0.721 U	0.698 U	0.711 U	
Endrin	14	11000	60	UG/KG	0.718 U	0.721 U	0.698 U	0.711 U	
Endrin Aldehyde	--	--	--	UG/KG	2.15 U	2.16 U	2.1 U	2.13 U	
Endrin Ketone	--	--	--	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
Gamma Bhc (Lindane)	100	1300	100	UG/KG	0.718 U	0.721 U	0.698 U	0.711 U	
Heptachlor	42	2100	380	UG/KG	0.861 U	0.866 U	0.838 U	0.854 U	
Heptachlor Epoxide	--	--	--	UG/KG	3.23 U	3.25 U	3.14 U	3.2 U	
Methoxychlor	--	--	--	UG/KG	3.23 U	3.25 U	3.14 U	3.2 U	
P,P'-DDD	3.3	13000	14000	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
P,P'-DDE	3.3	8900	17000	UG/KG	1.72 U	1.73 U	1.68 U	1.71 U	
P,P'-DDT	3.3	7900	136000	UG/KG	4.08	3.25 U	3.14 U	3.2 U	
Silvex (2,4,5-TP)	3800	100000	3800	UG/KG	187 U	185 U	177 U	182 U	
Toxaphene	--	--	--	UG/KG	32.3 U	32.5 U	31.4 U	32 U	
trans-Chlordane	--	--	--	UG/KG	2.15 U	2.16 U	2.1 U	2.13 U	

U - Analyte was not detected at or above the reporting limit

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

-- No Standard available

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO

Table 6. Summary of Volatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-36
Sample Date:			3/13/2017	3/13/2017
Parameter	NYSDEC Ambient Water Quality Standards	Units		
1,1,1,2-Tetrachloroethane	5	UG/L	2.5 U	2.5 U
1,1,1-Trichloroethane	5	UG/L	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U
1,1-Dichloropropene	5	UG/L	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	UG/L	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	UG/L	2 U	2 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	UG/L	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	UG/L	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	2.5 U	2.5 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U
1,3-Dichloropropane	5	UG/L	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U
1,4-Diethyl Benzene	--	UG/L	2 U	2 U
1,4-Dioxane (P-Dioxane)	--	UG/L	250 U	250 U
2,2-Dichloropropane	5	UG/L	2.5 U	2.5 U
2-Chlorotoluene	5	UG/L	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U
4-Chlorotoluene	5	UG/L	2.5 U	2.5 U
4-Ethyltoluene	--	UG/L	2 U	2 U
Acetone	50	UG/L	5 U	2.7 J
Acrylonitrile	5	UG/L	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-36
Sample Date:			3/13/2017	3/13/2017
Parameter	NYSDEC Ambient Water Quality Standards	Units		
Bromobenzene	5	UG/L	2.5 U	2.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U
Bromomethane	5	UG/L	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U
Chloromethane	--	UG/L	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U
Cis-1,3-Dichloropropene	5	UG/L	0.5 U	0.5 U
Cymene	5	UG/L	2.5 U	2.5 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U
Dibromomethane	5	UG/L	5 U	5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U
Dichloroethylenes	5	UG/L	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	--	UG/L	2.5 U	2.5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U
Hexachlorobutadiene	0.5	UG/L	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U
Naphthalene	10	UG/L	2.5 U	0.98 J
N-Butylbenzene	5	UG/L	2.5 U	2.5 U
N-Propylbenzene	5	UG/L	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U
Sec-Butylbenzene	5	UG/L	2.5 U	2.5 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-36
Sample Date:			3/13/2017	3/13/2017
Parameter	NYSDEC Ambient Water Quality Standards	Units		
Styrene	5	UG/L	2.5 U	2.5 U
T-Butylbenzene	5	UG/L	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.26 J	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	--	UG/L	2.5 U	2.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U
Vinyl Acetate	--	UG/L	5 U	5 U
Vinyl Chloride	2	UG/L	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

-- No NYSDEC AWQSGV available

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date:			SB-35	SB-35	SB-36	SB-36
			3/13/2017	3/13/2017	3/13/2017	3/13/2017
			Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards	Units				
1,2,4,5-Tetrachlorobenzene	--	UG/L	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	UG/L	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	UG/L	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	UG/L	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	UG/L	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U	5 U	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	UG/L	0.32	0.6	0.85	0.84
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U	5 U	5 U
2-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U
2-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	--	UG/L	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U	5 U	5 U
3-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U	2 U	2 U
4-Chloroaniline	5	UG/L	5 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U	2 U	2 U
4-Nitroaniline	5	UG/L	5 U	5 U	5 U	5 U
4-Nitrophenol	--	UG/L	10 U	10 U	10 U	10 U
Acenaphthene	20	UG/L	0.52	0.62	0.99	1.2
Acenaphthylene	20	UG/L	0.2 U	0.05 J	0.06 J	0.06 J

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date:			SB-35	SB-35	SB-36	SB-36
			3/13/2017	3/13/2017	3/13/2017	3/13/2017
			Total	Dissolved	Total	Dissolved
Acetophenone	--	UG/L	5 U	5 U	5 U	5 U
Anthracene	50	UG/L	0.06 J	0.07 J	0.15 J	0.12 J
Benzo(A)Anthracene	0.002	UG/L	0.2 U	0.2 U	0.1 J	0.02 J
Benzo(A)Pyrene	0	UG/L	0.2 U	0.2 U	0.07 J	0.2 U
Benzo(B)Fluoranthene	0.002	UG/L	0.2 U	0.2 U	0.1 J	0.2 U
Benzo(G,H,I)Perylene	--	UG/L	0.2 U	0.2 U	0.06 J	0.2 U
Benzo(K)Fluoranthene	0.002	UG/L	0.2 U	0.2 U	0.04 J	0.2 U
Benzoic Acid	--	UG/L	50 U	50 U	50 U	50 U
Benzyl Alcohol	--	UG/L	2 U	2 U	2 U	2 U
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	--	UG/L	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	2 U	2 U	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U	3 U	3 U
Carbazole	--	UG/L	2 U	2 U	2 U	2 U
Chrysene	0.002	UG/L	0.2 U	0.2 U	0.09 J	0.2 U
Dibenz(A,H)Anthracene	--	UG/L	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	--	UG/L	2 U	2 U	2 U	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U	5 U	5 U
Fluoranthene	50	UG/L	0.08 J	0.07 J	0.32	0.14 J
Fluorene	50	UG/L	0.26	0.44	0.5	0.71
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U	20 U	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.2 U	0.2 U	0.05 J	0.2 U
Isophorone	50	UG/L	5 U	5 U	5 U	5 U
Naphthalene	10	UG/L	0.07 J	3	0.51	0.64
Nitrobenzene	0.4	UG/L	2 U	2 U	2 U	2 U

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, La Central Redevelopment Site, Bronx, New York

			Sample Designation:	SB-35	SB-35	SB-36	SB-36
			Sample Date:	3/13/2017	3/13/2017	3/13/2017	3/13/2017
				Total	Dissolved	Total	Dissolved
N-Nitrosodi-N-Propylamine	--	UG/L		5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	50	UG/L		2 U	2 U	2 U	2 U
Pentachlorophenol	1	UG/L		0.8 U	0.8 U	0.8 U	0.8 U
Phenanthrene	50	UG/L		0.59	0.69	1.2	1
Phenol	1	UG/L		5 U	5 U	5 U	5 U
Pyrene	50	UG/L		0.09 J	0.08 J	0.29	0.13 J

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AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 8. Summary of Metals in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-35	SB-36	SB-36
Sample Date:			3/13/2017	3/13/2017	3/13/2017	3/13/2017
			Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards	Units				
Aluminum	--	MG/L	1.56	0.0134	11.8	0.012
Antimony	0.003	MG/L	0.0008 J	0.00113 J	0.00188 J	0.00049 J
Arsenic	0.025	MG/L	0.00094	0.0005 U	0.00704	0.00023 J
Barium	1	MG/L	0.09169	0.06102	0.5882	0.09736
Beryllium	0.003	MG/L	0.0005 U	0.0005 U	0.0007	0.0005 U
Cadmium	0.005	MG/L	0.00011 J	7E-05 J	0.0007	7E-05 J
Calcium	--	MG/L	141	132	251	262
Chromium, Hexavalent	0.05	MG/L	0.01 U	NA	0.01 U	NA
Chromium, Total	0.05	MG/L	0.00524	0.00124	0.029	0.0011
Cobalt	--	MG/L	0.00404	0.00069	0.0279	0.00042 J
Copper	0.2	MG/L	0.00926	0.0007 J	0.09555	0.00097 J
Cyanide	0.2	MG/L	0.004 J	NA	0.005	NA
Iron	0.3	MG/L	4.08	0.05 U	31.3	0.05 U
Lead	0.025	MG/L	0.00458	0.001 U	0.06986	0.001 U
Magnesium	35	MG/L	38.9	36.6	62.2	63.7
Manganese	0.3	MG/L	0.4445	0.103	4.326	0.1982
Mercury	0.0007	MG/L	0.0002 U	0.0002 U	0.0003	0.0002 U
Nickel	0.1	MG/L	0.00859	0.00287	0.0476	0.00377
Potassium	--	MG/L	8.86	8.16	26.7	24.1
Selenium	0.01	MG/L	0.00434 J	0.00354 J	0.0131	0.0104
Silver	0.05	MG/L	0.0004 U	0.0004 U	0.0004 U	0.0004 U
Sodium	20	MG/L	162	159	92.4	99.7
Thallium	0.0005	MG/L	0.0005 U	0.0005 U	0.00019 J	0.0005 U
Vanadium	--	MG/L	0.00749	0.005 U	0.05127	0.005 U
Zinc	2	MG/L	0.01046	0.01 U	0.09364	0.01 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 9. Summary of Polychlorinated Biphenyls in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-36
Sample Date:			3/13/2017	3/13/2017
Parameter	NYSDEC Ambient Water Quality Standards	Units		
PCB-1016 (Aroclor 1016)	--	UG/L	0.083 U	0.083 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.083 U	0.083 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.083 U	0.083 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.083 U	0.083 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.083 U	0.083 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.083 U	0.083 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.083 U	0.083 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.083 U	0.083 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.083 U	0.083 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.083 U	0.083 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

U - Compound was analyzed for but not detected

-- No NYSDEC AWQSGV available

Table 10. Summary of Pesticides and Herbicides in Groundwater, La Central Redevelopment Site, Bronx, New York

Sample Designation:			SB-35	SB-36
Sample Date:			3/13/2017	3/13/2017
Parameter	NYSDEC Ambient Water Quality Standards	Units		
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	UG/L	2 U	2 U
Aldrin	0	UG/L	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U
Alpha Endosulfan	--	UG/L	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U
Beta Endosulfan	--	UG/L	0.04 U	0.04 U
Chlordane	0.05	UG/L	0.2 U	0.2 U
cis-Chlordane	--	UG/L	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	--	UG/L	0.02 U	0.02 U
Dieldrin	0.004	UG/L	0.04 U	0.04 U
Endosulfan Sulfate	--	UG/L	0.04 U	0.04 U
Endrin	0	UG/L	0.04 U	0.04 U
Endrin Aldehyde	5	UG/L	0.04 U	0.04 U
Endrin Ketone	--	UG/L	0.04 U	0.04 U
Gamma Bhc (Lindane)	--	UG/L	0.02 U	0.02 U
Heptachlor	0.04	UG/L	0.02 U	0.02 U
Heptachlor Epoxide	0.03	UG/L	0.02 U	0.02 U
Methoxychlor	35	UG/L	0.2 U	0.2 U
P,P'-DDD	0.3	UG/L	0.04 U	0.04 U
P,P'-DDE	0.2	UG/L	0.04 U	0.04 U
P,P'-DDT	0.2	UG/L	0.04 U	0.053
Silvex (2,4,5-TP)	0.26	UG/L	2 U	2 U
Toxaphene	0.06	UG/L	0.2 U	0.2 U
trans-Chlordane	--	UG/L	0.02 U	0.02 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

µg/L -Micrograms per liter

U - Compound was analyzed for but not detected

-- No NYSDEC AWQSGV available

Table 11. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:		SV-14
Sample Date:		3/13/2017
Parameter	Units	
1,1,1-Trichloroethane	UG/M3	1.09 U
1,1,2,2-Tetrachloroethane	UG/M3	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.53 U
1,1,2-Trichloroethane	UG/M3	1.09 U
1,1-Dichloroethane	UG/M3	0.809 U
1,1-Dichloroethene	UG/M3	0.793 U
1,2,4-Trichlorobenzene	UG/M3	1.48 U
1,2,4-Trimethylbenzene	UG/M3	1.57
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.54 U
1,2-Dichlorobenzene	UG/M3	1.2 U
1,2-Dichloroethane	UG/M3	0.809 U
1,2-Dichloropropane	UG/M3	0.924 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.983 U
1,3-Butadiene	UG/M3	4.31
1,3-Dichlorobenzene	UG/M3	1.2 U
1,4-Dichlorobenzene	UG/M3	1.2 U
1,4-Dioxane (P-Dioxane)	UG/M3	0.721 U
2,2,4-Trimethylpentane	UG/M3	13.1
2-Hexanone	UG/M3	0.82
4-Ethyltoluene	UG/M3	0.983 U
Acetone	UG/M3	629
Allyl Chloride (3-Chloropropene)	UG/M3	0.626 U
Benzene	UG/M3	5.08
Benzyl Chloride	UG/M3	1.04 U
Bromodichloromethane	UG/M3	1.34 U
Bromoform	UG/M3	2.07 U
Bromomethane	UG/M3	0.777 U
Carbon Disulfide	UG/M3	4.2
Carbon Tetrachloride	UG/M3	1.26 U
Chlorobenzene	UG/M3	0.921 U
Chloroethane	UG/M3	0.528 U
Chloroform	UG/M3	6.2
Chloromethane	UG/M3	0.712
Cis-1,2-Dichloroethylene	UG/M3	0.793 U
Cis-1,3-Dichloropropene	UG/M3	0.908 U

Table 11. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:		SV-14
Sample Date:		3/13/2017
Parameter	Units	
Cyclohexane	UG/M3	14
Dibromochloromethane	UG/M3	1.7 U
Dichlorodifluoromethane	UG/M3	2.9
Ethanol	UG/M3	29.8
Ethyl Acetate	UG/M3	4.83
Ethylbenzene	UG/M3	2.41
Hexachlorobutadiene	UG/M3	2.13 U
Isopropanol	UG/M3	4.08
m,p-Xylene	UG/M3	8.69
Methyl Ethyl Ketone (2-Butanone)	UG/M3	6.52
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2.05 U
Methylene Chloride	UG/M3	4.52
N-Heptane	UG/M3	6.8
N-Hexane	UG/M3	56
O-Xylene (1,2-Dimethylbenzene)	UG/M3	3.59
Styrene	UG/M3	0.852 U
Tert-Butyl Alcohol	UG/M3	6.58
Tert-Butyl Methyl Ether	UG/M3	0.721 U
Tetrachloroethylene (PCE)	UG/M3	1.63
Tetrahydrofuran	UG/M3	1.47 U
Toluene	UG/M3	19.3
Trans-1,2-Dichloroethene	UG/M3	0.793 U
Trans-1,3-Dichloropropene	UG/M3	0.908 U
Trichloroethylene (TCE)	UG/M3	1.07 U
Trichlorofluoromethane	UG/M3	4.5
Vinyl Bromide	UG/M3	0.874 U
Vinyl Chloride	UG/M3	0.511 U

U - Indicates that the compound was analyzed for but not detected

ug/m³ - Micrograms per cubic meter

Bold data indicates that parameter was detected

Waste Characterization Sampling Results

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	10 - 10	17.5 - 17.5	6 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	26 U	22 U	23 U	26 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.9 U	1.7 U	1.7 U	2 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	1.9 U	1.7 U	1.7 U	2 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
1,1-Dichloropropene	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	13 U	11 U	12 U	13 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4.5 U	3.9 U	4 U	4.6 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,3-Dichloropropane	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	52 U	44 U	46 U	52 U	
2,2-Dichloropropane	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
2-Chlorotoluene	--	--	20000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
2-Hexanone	--	--	--	UG/KG	13 U	11 U	12 U	13 U	
4-Chlorotoluene	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
4-Ethyltoluene	--	--	--	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
Acetone	50	70000000	110000	UG/KG	1.8 J	4.4 J	5.1 J	3.8 J	
Acrylonitrile	--	900	37	UG/KG	13 U	11 U	12 U	13 U	
Benzene	60	2000	130	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	10 - 10	17.5 - 17.5	6 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Bromochloromethane	--	--	1600	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Bromoform	--	81000	4400	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
Bromomethane	--	25000	540	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Carbon Disulfide	--	7800000	350000	UG/KG	13 U	11 U	12 U	13 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Chloroethane	--	220000	19000	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Chloroform	370	600	2500	UG/KG	1.9 U	1.7 U	1.7 U	2 U	
Chloromethane	--	4000	38	UG/KG	6.4 U	5.5 U	5.8 U	0.39 J	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Cyclohexane	--	--	--	UG/KG	26 U	22 U	23 U	26 U	
Cymene	--	--	--	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Dibromomethane	--	--	7700	UG/KG	13 U	11 U	12 U	13 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	13 U	11 U	12 U	13 U	
Dichloroethylenes	--	--	--	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
m,p-Xylene	--	--	--	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Methyl Acetate	--	78000000	1900000	UG/KG	26 U	22 U	23 U	26 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	13 U	11 U	12 U	13 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	13 U	11 U	12 U	13 U	
Methylcyclohexane	--	--	--	UG/KG	5.2 U	4.4 U	4.6 U	5.2 U	
Methylene Chloride	50	34000	76	UG/KG	13 U	11 U	12 U	13 U	
Naphthalene	12000	6000	25000	UG/KG	6.4 U	5.5 U	5.8 U	0.18 J	
N-Butylbenzene	12000	--	2600000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	10 - 10	17.5 - 17.5	6 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Styrene	--	90000	24000	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
T-Butylbenzene	5900	--	740000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.3 U	1.1 U	1.2 U	0.3 J	
Toluene	700	6300000	44000	UG/KG	1.9 U	1.7 U	0.24 J	2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.9 U	1.7 U	1.7 U	2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.3 U	1.1 U	1.2 U	1.3 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.3 U	1.1 U	1.2 U	0.27 J	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6.4 U	5.5 U	5.8 U	6.6 U	
Vinyl Acetate	--	--	14000	UG/KG	13 U	11 U	12 U	13 U	
Vinyl Chloride	20	700	27	UG/KG	2.6 U	2.2 U	2.3 U	2.6 U	
Xylenes	260	12000000	990000	UG/KG	2.6 U	2.2 U	2.3 U	2.6 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	11 - 11	17.5 - 17.5	3 - 3	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	1.3 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.2 U	1 U	1.3 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.2 U	1 U	1.3 U	1.3 U	1.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	24 U	20 U	26 U	25 U	25 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.8 U	1.5 U	2 U	1.9 U	1.9 U
1,1-Dichloroethane	270	8000	2700	UG/KG	1.8 U	1.5 U	2 U	1.9 U	1.9 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.2 U	1 U	1.3 U	1.3 U	1.3 U
1,1-Dichloropropene	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,2,3-Trichloropropane	--	--	820	UG/KG	12 U	10 U	13 U	13 U	13 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.8 U	4 U	5.3 U	5.1 U	5.1 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6 U	5 U	6.6 U	0.25 J	0.25 J
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.8 U	4 U	5.3 U	5.1 U	5.1 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,2-Dichloroethane	20	900	100	UG/KG	1.2 U	1 U	1.3 U	1.3 U	1.3 U
1,2-Dichloropropane	--	2000	110	UG/KG	4.2 U	3.5 U	4.6 U	4.4 U	4.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,3-Dichloropropane	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4.8 U	4 U	5.3 U	5.1 U	5.1 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	48 U	40 U	53 U	51 U	51 U
2,2-Dichloropropane	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
2-Chlorotoluene	--	--	20000	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
2-Hexanone	--	--	--	UG/KG	12 U	10 U	13 U	13 U	13 U
4-Chlorotoluene	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	6.4 U
4-Ethyltoluene	--	--	--	UG/KG	4.8 U	4 U	5.3 U	5.1 U	5.1 U
Acetone	50	70000000	110000	UG/KG	24	23	3.6 J	15	15
Acrylonitrile	--	900	37	UG/KG	12 U	10 U	13 U	13 U	13 U
Benzene	60	2000	130	UG/KG	1.2 U	0.24 J	1.3 U	1.3 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	11 - 11	17.5 - 17.5	3 - 3	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	
Bromochloromethane	--	--	1600	UG/KG	6 U	5 U	6.6 U	6.4 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Bromoform	--	81000	4400	UG/KG	4.8 U	4 U	5.3 U	5.1 U	
Bromomethane	--	25000	540	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Carbon Disulfide	--	7800000	350000	UG/KG	12 U	10 U	13 U	13 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Chloroethane	--	220000	19000	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Chloroform	370	600	2500	UG/KG	1.8 U	1.5 U	2 U	1.9 U	
Chloromethane	--	4000	38	UG/KG	6 U	5 U	6.6 U	6.4 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Cyclohexane	--	--	--	UG/KG	24 U	20 U	26 U	25 U	
Cymene	--	--	--	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Dibromomethane	--	--	7700	UG/KG	12 U	10 U	13 U	13 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	12 U	10 U	13 U	13 U	
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	6 U	5 U	6.6 U	6.4 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	6 U	5 U	6.6 U	6.4 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
m,p-Xylene	--	--	--	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Methyl Acetate	--	78000000	1900000	UG/KG	24 U	20 U	26 U	25 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	12 U	10 U	13 U	13 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	10 U	13 U	13 U	
Methylcyclohexane	--	--	--	UG/KG	4.8 U	0.23 J	5.3 U	0.38 J	
Methylene Chloride	50	34000	76	UG/KG	12 U	10 U	13 U	13 U	
Naphthalene	12000	6000	25000	UG/KG	6 U	4.8 J	6.6 U	17	
N-Butylbenzene	12000	--	2600000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	11 - 11	17.5 - 17.5	3 - 3	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Styrene	--	90000	24000	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
T-Butylbenzene	5900	--	740000	UG/KG	6 U	5 U	6.6 U	6.4 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Toluene	700	6300000	44000	UG/KG	1.8 U	0.45 J	2 U	0.37 J	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.8 U	1.5 U	2 U	1.9 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6 U	5 U	6.6 U	6.4 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.2 U	1 U	1.3 U	1.3 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6 U	5 U	6.6 U	6.4 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	10 U	13 U	13 U	
Vinyl Chloride	20	700	27	UG/KG	2.4 U	2 U	2.6 U	2.5 U	
Xylenes	260	12000000	990000	UG/KG	2.4 U	2 U	2.6 U	2.5 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	9 - 9	2 - 2	9 - 9	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	25 U	29 U	24 U	1400 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.9 U	2.2 U	1.8 U	110 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	1.9 U	2.2 U	1.8 U	110 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
1,1-Dichloropropene	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	13 U	14 U	12 U	720 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	5.1 U	5.7 U	4.7 U	74 J	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6.3 U	7.2 U	5.9 U	21 J	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	5.1 U	5.7 U	4.7 U	290 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4.4 U	5 U	4.1 U	250 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6.3 U	7.2 U	5.9 U	11 J	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,3-Dichloropropane	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6.3 U	7.2 U	5.9 U	15 J	
1,4-Diethyl Benzene	--	--	--	UG/KG	5.1 U	5.7 U	4.7 U	290 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	51 U	57 U	47 U	2900 U	
2,2-Dichloropropane	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
2-Chlorotoluene	--	--	20000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
2-Hexanone	--	--	--	UG/KG	13 U	14 U	12 U	720 U	
4-Chlorotoluene	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
4-Ethyltoluene	--	--	--	UG/KG	5.1 U	5.7 U	4.7 U	13 J	
Acetone	50	70000000	110000	UG/KG	30	14 U	19	220 J	
Acrylonitrile	--	900	37	UG/KG	13 U	14 U	12 U	720 U	
Benzene	60	2000	130	UG/KG	0.46 J	1.4 U	1.2 U	72 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	9 - 9	2 - 2	9 - 9	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Bromochloromethane	--	--	1600	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Bromoform	--	81000	4400	UG/KG	5.1 U	5.7 U	4.7 U	290 U	
Bromomethane	--	25000	540	UG/KG	2.5 U	2.9 U	2.4 U	29 J	
Carbon Disulfide	--	7800000	350000	UG/KG	13 U	14 U	12 U	720 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Chloroethane	--	220000	19000	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
Chloroform	370	600	2500	UG/KG	1.9 U	2.2 U	1.8 U	110 U	
Chloromethane	--	4000	38	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Cyclohexane	--	--	--	UG/KG	25 U	29 U	24 U	1400 U	
Cymene	--	--	--	UG/KG	1.3 U	1.4 U	0.32 J	12 J	
Dibromochloromethane	--	3000	3200	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Dibromomethane	--	--	7700	UG/KG	13 U	14 U	12 U	720 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	13 U	14 U	12 U	720 U	
Dichloroethylenes	--	--	--	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
m,p-Xylene	--	--	--	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
Methyl Acetate	--	78000000	1900000	UG/KG	25 U	29 U	24 U	1400 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	13 U	14 U	12 U	720 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	13 U	14 U	12 U	720 U	
Methylcyclohexane	--	--	--	UG/KG	5.1 U	5.7 U	4.7 U	290 U	
Methylene Chloride	50	34000	76	UG/KG	13 U	14 U	12 U	720 U	
Naphthalene	12000	6000	25000	UG/KG	8.4	7.2 U	1.3 J	1900	
N-Butylbenzene	12000	--	2600000	UG/KG	0.57 J	1.4 U	1.2 U	72 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.3 U	1.4 U	1.2 U	72 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	9 - 9	2 - 2	9 - 9	15 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Styrene	--	90000	24000	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
T-Butylbenzene	5900	--	740000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Toluene	700	6300000	44000	UG/KG	3.4	2.2 U	1.8 U	110 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.9 U	2.2 U	1.8 U	110 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.3 U	1.4 U	1.2 U	72 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6.3 U	7.2 U	5.9 U	360 U	
Vinyl Acetate	--	--	14000	UG/KG	13 U	14 U	12 U	720 U	
Vinyl Chloride	20	700	27	UG/KG	2.5 U	2.9 U	2.4 U	140 U	
Xylenes	260	12000000	990000	UG/KG	2.5 U	2.9 U	2.4 U	140 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	4 - 4	11 - 11	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	0.98 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	0.98 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	0.98 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	23 U	19 U	20 U	20 U	20 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.7 U	1.4 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	270	8000	2700	UG/KG	1.7 U	1.4 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	0.98 U
1,1-Dichloropropene	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,2,3-Trichloropropane	--	--	820	UG/KG	12 U	9.6 U	9.8 U	9.8 U	9.8 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.6 U	3.8 U	3.9 U	0.6 J	0.6 J
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	5.8 U	4.8 U	4.9 U	2.2 J	2.2 J
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.6 U	3.8 U	3.9 U	3.9 U	3.9 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,2-Dichloroethane	20	900	100	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	0.98 U
1,2-Dichloropropane	--	2000	110	UG/KG	4.1 U	3.3 U	3.4 U	3.4 U	3.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	5.8 U	4.8 U	4.9 U	1 J	1 J
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,3-Dichloropropane	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4.6 U	3.8 U	3.9 U	1.7 J	1.7 J
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	46 U	38 U	39 U	39 U	39 U
2,2-Dichloropropane	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
2-Chlorotoluene	--	--	20000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
2-Hexanone	--	--	--	UG/KG	12 U	9.6 U	9.8 U	9.8 U	9.8 U
4-Chlorotoluene	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	4.9 U
4-Ethyltoluene	--	--	--	UG/KG	4.6 U	3.8 U	3.9 U	3.9 U	3.9 U
Acetone	50	70000000	110000	UG/KG	12 U	12	8.4 J	63	63
Acrylonitrile	--	900	37	UG/KG	12 U	9.6 U	9.8 U	9.8 U	9.8 U
Benzene	60	2000	130	UG/KG	1.2 U	0.96 U	0.98 U	0.13 J	0.13 J

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	4 - 4	11 - 11	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Bromochloromethane	--	--	1600	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Bromoform	--	81000	4400	UG/KG	4.6 U	3.8 U	3.9 U	3.9 U	
Bromomethane	--	25000	540	UG/KG	2.3 U	1.9 U	2 U	2 U	
Carbon Disulfide	--	7800000	350000	UG/KG	12 U	9.6 U	9.8 U	9.8 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Chloroethane	--	220000	19000	UG/KG	2.3 U	1.9 U	2 U	2 U	
Chloroform	370	600	2500	UG/KG	1.7 U	1.4 U	1.5 U	1.5 U	
Chloromethane	--	4000	38	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Cyclohexane	--	--	--	UG/KG	23 U	19 U	20 U	0.15 J	
Cymene	--	--	--	UG/KG	1.2 U	0.96 U	0.98 U	0.32 J	
Dibromochloromethane	--	3000	3200	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Dibromomethane	--	--	7700	UG/KG	12 U	9.6 U	9.8 U	9.8 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	12 U	9.6 U	9.8 U	9.8 U	
Dichloroethylenes	--	--	--	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.2 U	0.96 U	0.98 U	0.62 J	
Hexachlorobutadiene	--	6000	1200	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	0.96 U	0.98 U	0.13 J	
m,p-Xylene	--	--	--	UG/KG	2.3 U	1.9 U	2 U	2.1	
Methyl Acetate	--	78000000	1900000	UG/KG	23 U	19 U	20 U	20 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	12 U	9.6 U	9.8 U	5.4 J	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	9.6 U	9.8 U	9.8 U	
Methylcyclohexane	--	--	--	UG/KG	4.6 U	3.8 U	3.9 U	0.26 J	
Methylene Chloride	50	34000	76	UG/KG	12 U	9.6 U	2 J	9.8 U	
Naphthalene	12000	6000	25000	UG/KG	5.8 U	0.2 J	4.9 U	18	
N-Butylbenzene	12000	--	2600000	UG/KG	1.2 U	0.96 U	0.98 U	0.19 J	
N-Propylbenzene	3900	--	780000	UG/KG	1.2 U	0.96 U	0.98 U	0.29 J	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	4 - 4	11 - 11	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.3 U	1.9 U	2 U	1.3 J	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.2 U	0.96 U	0.98 U	0.19 J	
Styrene	--	90000	24000	UG/KG	2.3 U	1.9 U	2 U	2 U	
T-Butylbenzene	5900	--	740000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.3 U	1.9 U	0.38 J	2 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.2 U	0.96 U	0.98 U	0.21 J	
Toluene	700	6300000	44000	UG/KG	1.7 U	1.4 U	0.28 J	1.2 J	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.7 U	1.4 U	1.5 U	1.5 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.2 U	0.96 U	0.98 U	0.98 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	5.8 U	4.8 U	4.9 U	4.9 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	9.6 U	9.8 U	9.8 U	
Vinyl Chloride	20	700	27	UG/KG	2.3 U	1.9 U	2 U	2 U	
Xylenes	260	12000000	990000	UG/KG	2.3 U	1.9 U	2 U	3.4 J	

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	10 - 10	5 - 5	11 - 11	15.5 - 15.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	27 U	24 U	20 U	19 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	2 U	1.8 U	1.5 U	1.4 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	2 U	1.8 U	1.5 U	1.4 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
1,1-Dichloropropene	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	14 U	12 U	9.8 U	9.7 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4.8 U	4.1 U	3.4 U	3.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,3-Dichloropropane	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	55 U	47 U	39 U	39 U	
2,2-Dichloropropane	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
2-Chlorotoluene	--	--	20000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
2-Hexanone	--	--	--	UG/KG	14 U	12 U	9.8 U	9.7 U	
4-Chlorotoluene	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
4-Ethyltoluene	--	--	--	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
Acetone	50	70000000	110000	UG/KG	9.5 J	3.6 J	3 J	2.6 J	
Acrylonitrile	--	900	37	UG/KG	14 U	12 U	9.8 U	9.7 U	
Benzene	60	2000	130	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	10 - 10	5 - 5	11 - 11	15.5 - 15.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Bromochloromethane	--	--	1600	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Bromoform	--	81000	4400	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
Bromomethane	--	25000	540	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Carbon Disulfide	--	7800000	350000	UG/KG	14 U	12 U	9.8 U	9.7 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Chloroethane	--	220000	19000	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Chloroform	370	600	2500	UG/KG	2 U	1.8 U	1.5 U	1.4 U	
Chloromethane	--	4000	38	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Cyclohexane	--	--	--	UG/KG	27 U	24 U	20 U	19 U	
Cymene	--	--	--	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Dibromomethane	--	--	7700	UG/KG	14 U	12 U	9.8 U	9.7 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	14 U	12 U	9.8 U	9.7 U	
Dichloroethylenes	--	--	--	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	0.44 J	5.9 U	4.9 U	4.8 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
m,p-Xylene	--	--	--	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Methyl Acetate	--	78000000	1900000	UG/KG	27 U	24 U	20 U	19 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	14 U	12 U	9.8 U	9.7 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	14 U	12 U	9.8 U	9.7 U	
Methylcyclohexane	--	--	--	UG/KG	5.5 U	4.7 U	3.9 U	3.9 U	
Methylene Chloride	50	34000	76	UG/KG	14 U	12 U	9.8 U	9.7 U	
Naphthalene	12000	6000	25000	UG/KG	0.9 J	0.51 J	0.17 J	0.24 J	
N-Butylbenzene	12000	--	2600000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	10 - 10	5 - 5	11 - 11	15.5 - 15.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Styrene	--	90000	24000	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
T-Butylbenzene	5900	--	740000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Toluene	700	6300000	44000	UG/KG	2 U	1.8 U	1.5 U	1.4 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2 U	1.8 U	1.5 U	1.4 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.4 U	1.2 U	0.98 U	0.97 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6.8 U	5.9 U	4.9 U	4.8 U	
Vinyl Acetate	--	--	14000	UG/KG	14 U	12 U	9.8 U	9.7 U	
Vinyl Chloride	20	700	27	UG/KG	2.7 U	2.4 U	2 U	1.9 U	
Xylenes	260	12000000	990000	UG/KG	2.7 U	2.4 U	2 U	1.9 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	9 - 9	1 - 1	9 - 9
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	23 U	21 U	23 U	21 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.7 U	1.6 U	1.7 U	1.6 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	1.7 U	1.6 U	1.7 U	1.6 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
1,1-Dichloropropene	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	12 U	10 U	12 U	11 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	0.26 J	4.2 U	4.6 U	4.3 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	0.3 J	5.2 U	5.8 U	5.4 U	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.6 U	4.2 U	4.6 U	4.3 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4.1 U	3.7 U	4.1 U	3.8 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	0.27 J	5.2 U	5.8 U	5.4 U	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,3-Dichloropropane	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	0.68 J	4.2 U	4.6 U	4.3 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	46 U	42 U	46 U	43 U	
2,2-Dichloropropane	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
2-Chlorotoluene	--	--	20000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
2-Hexanone	--	--	--	UG/KG	12 U	10 U	12 U	11 U	
4-Chlorotoluene	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
4-Ethyltoluene	--	--	--	UG/KG	0.21 J	4.2 U	4.6 U	4.3 U	
Acetone	50	70000000	110000	UG/KG	12 U	2.6 J	12 U	11 U	
Acrylonitrile	--	900	37	UG/KG	12 U	10 U	12 U	11 U	
Benzene	60	2000	130	UG/KG	1.2 U	1 U	1.2 U	1.1 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	9 - 9	1 - 1	9 - 9
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Bromochloromethane	--	--	1600	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Bromoform	--	81000	4400	UG/KG	4.6 U	4.2 U	4.6 U	4.3 U	
Bromomethane	--	25000	540	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Carbon Disulfide	--	7800000	350000	UG/KG	12 U	10 U	12 U	11 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Chloroethane	--	220000	19000	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Chloroform	370	600	2500	UG/KG	1.7 U	1.6 U	1.7 U	1.6 U	
Chloromethane	--	4000	38	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Cyclohexane	--	--	--	UG/KG	23 U	21 U	23 U	21 U	
Cymene	--	--	--	UG/KG	1.2 U	0.15 J	1.2 U	1.1 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Dibromomethane	--	--	7700	UG/KG	12 U	10 U	12 U	11 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	12 U	10 U	12 U	11 U	
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
m,p-Xylene	--	--	--	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Methyl Acetate	--	78000000	1900000	UG/KG	23 U	21 U	23 U	21 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	12 U	10 U	12 U	11 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	10 U	12 U	11 U	
Methylcyclohexane	--	--	--	UG/KG	4.6 U	4.2 U	4.6 U	4.3 U	
Methylene Chloride	50	34000	76	UG/KG	12 U	10 U	12 U	11 U	
Naphthalene	12000	6000	25000	UG/KG	3.3 J	5.2 U	5.8 U	5.4 U	
N-Butylbenzene	12000	--	2600000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	9 - 9	1 - 1	9 - 9
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Styrene	--	90000	24000	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
T-Butylbenzene	5900	--	740000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Toluene	700	6300000	44000	UG/KG	1.7 U	1.6 U	1.7 U	1.6 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.7 U	1.6 U	1.7 U	1.6 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.2 U	1 U	1.2 U	1.1 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	5.8 U	5.2 U	5.8 U	5.4 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	10 U	12 U	11 U	
Vinyl Chloride	20	700	27	UG/KG	2.3 U	2.1 U	2.3 U	2.1 U	
Xylenes	260	12000000	990000	UG/KG	2.3 U	2.1 U	2.3 U	2.1 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	9 - 9	15 - 15	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	25 U	20 U	24 U	26 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.9 U	1.5 U	1.8 U	1.9 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	1.9 U	1.5 U	1.8 U	1.9 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
1,1-Dichloropropene	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	12 U	10 U	12 U	13 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4.4 U	3.6 U	4.1 U	4.5 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,3-Dichloropropane	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	50 U	41 U	47 U	52 U	
2,2-Dichloropropane	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
2-Chlorotoluene	--	--	20000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
2-Hexanone	--	--	--	UG/KG	12 U	10 U	12 U	13 U	
4-Chlorotoluene	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
4-Ethyltoluene	--	--	--	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
Acetone	50	70000000	110000	UG/KG	12 U	1.9 J	5 J	2.1 J	
Acrylonitrile	--	900	37	UG/KG	12 U	10 U	12 U	13 U	
Benzene	60	2000	130	UG/KG	1.2 U	1 U	1.2 U	1.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	9 - 9	15 - 15	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Bromochloromethane	--	--	1600	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Bromoform	--	81000	4400	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
Bromomethane	--	25000	540	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Carbon Disulfide	--	7800000	350000	UG/KG	12 U	10 U	12 U	13 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Chloroethane	--	220000	19000	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Chloroform	370	600	2500	UG/KG	1.9 U	1.5 U	1.8 U	1.9 U	
Chloromethane	--	4000	38	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Cyclohexane	--	--	--	UG/KG	25 U	20 U	24 U	26 U	
Cymene	--	--	--	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Dibromomethane	--	--	7700	UG/KG	12 U	10 U	12 U	13 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	12 U	10 U	12 U	13 U	
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
m,p-Xylene	--	--	--	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Methyl Acetate	--	78000000	1900000	UG/KG	25 U	20 U	24 U	26 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	12 U	10 U	12 U	13 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	10 U	12 U	13 U	
Methylcyclohexane	--	--	--	UG/KG	5 U	4.1 U	4.7 U	5.2 U	
Methylene Chloride	50	34000	76	UG/KG	12 U	10 U	12 U	13 U	
Naphthalene	12000	6000	25000	UG/KG	0.22 J	5.1 U	5.9 U	6.4 U	
N-Butylbenzene	12000	--	2600000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	3 - 3	9 - 9	15 - 15	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Styrene	--	90000	24000	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
T-Butylbenzene	5900	--	740000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.2 U	1 U	1.2 U	0.2 J	
Toluene	700	6300000	44000	UG/KG	1.9 U	1.5 U	1.8 U	1.9 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.9 U	1.5 U	1.8 U	1.9 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.2 U	1 U	1.2 U	1.3 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6.2 U	5.1 U	5.9 U	6.4 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	10 U	12 U	13 U	
Vinyl Chloride	20	700	27	UG/KG	2.5 U	2 U	2.4 U	2.6 U	
Xylenes	260	12000000	990000	UG/KG	2.5 U	2 U	2.4 U	2.6 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					VAULT-1	VAULT-2	VAULT-2	B-1
Sample Date:					03/10/2017	03/07/2017	03/10/2017	03/06/2017
Sample Depth (ft bls):					10 - 10	4 - 4	9 - 9	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	35 U	26 U	32 U	26 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	2.6 U	2 U	2.4 U	2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	2.6 U	2 U	2.4 U	2 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
1,1-Dichloropropene	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,2,3-Trichloropropane	--	--	820	UG/KG	18 U	13 U	16 U	13 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	120	5.2 U	6.5 U	5.2 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	87	6.6 U	8.1 U	6.6 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	7 U	5.2 U	6.5 U	5.2 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,2-Dichloroethane	20	900	100	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
1,2-Dichloropropane	--	2000	110	UG/KG	6.2 U	4.6 U	5.7 U	4.6 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	100	6.6 U	8.1 U	6.6 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,3-Dichloropropane	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
1,4-Diethyl Benzene	--	--	--	UG/KG	410	5.2 U	0.56 J	5.2 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	70 U	52 U	65 U	52 U
2,2-Dichloropropane	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
2-Chlorotoluene	--	--	20000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
2-Hexanone	--	--	--	UG/KG	18 U	13 U	16 U	13 U
4-Chlorotoluene	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
4-Ethyltoluene	--	--	--	UG/KG	68	5.2 U	6.5 U	5.2 U
Acetone	50	70000000	110000	UG/KG	22	6.2 J	18	13 U
Acrylonitrile	--	900	37	UG/KG	18 U	13 U	16 U	13 U
Benzene	60	2000	130	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					VAULT-1	VAULT-2	VAULT-2	B-1
Sample Date:					03/10/2017	03/07/2017	03/10/2017	03/06/2017
Sample Depth (ft bls):					10 - 10	4 - 4	9 - 9	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
Bromochloromethane	--	--	1600	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
Bromodichloromethane	--	1000	3400	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Bromoform	--	81000	4400	UG/KG	7 U	5.2 U	6.5 U	5.2 U
Bromomethane	--	25000	540	UG/KG	3.5 U	2.6 U	3.2 U	2.6 U
Carbon Disulfide	--	7800000	350000	UG/KG	18 U	13 U	16 U	13 U
Carbon Tetrachloride	760	600	260	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Chlorobenzene	1100	510000	6100	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Chloroethane	--	220000	19000	UG/KG	3.5 U	2.6 U	3.2 U	2.6 U
Chloroform	370	600	2500	UG/KG	2.6 U	2 U	2.4 U	2 U
Chloromethane	--	4000	38	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Cyclohexane	--	--	--	UG/KG	3.3 J	26 U	32 U	26 U
Cymene	--	--	--	UG/KG	29	1.3 U	1.6 U	1.3 U
Dibromochloromethane	--	3000	3200	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Dibromomethane	--	--	7700	UG/KG	18 U	13 U	16 U	13 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	18 U	13 U	16 U	13 U
Dichloroethylenes	--	--	--	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
Ethylbenzene	1000	7800000	46000	UG/KG	0.76 J	1.3 U	1.6 U	1.3 U
Hexachlorobutadiene	--	6000	1200	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	2.9	1.3 U	1.6 U	1.3 U
m,p-Xylene	--	--	--	UG/KG	11	2.6 U	3.2 U	2.6 U
Methyl Acetate	--	78000000	1900000	UG/KG	35 U	26 U	32 U	26 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	18 U	13 U	16 U	13 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	18 U	13 U	16 U	13 U
Methylcyclohexane	--	--	--	UG/KG	53	5.2 U	6.5 U	5.2 U
Methylene Chloride	50	34000	76	UG/KG	18 U	13 U	16 U	13 U
Naphthalene	12000	6000	25000	UG/KG	44	6.6 U	0.66 J	6.6 U
N-Butylbenzene	12000	--	2600000	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U
N-Propylbenzene	3900	--	780000	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	10 - 10	4 - 4	9 - 9	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	10	2.6 U	3.2 U	2.6 U	2.6 U
Sec-Butylbenzene	11000	--	960000	UG/KG	18	1.3 U	1.6 U	1.3 U	1.3 U
Styrene	--	90000	24000	UG/KG	3.5 U	2.6 U	3.2 U	2.6 U	2.6 U
T-Butylbenzene	5900	--	740000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U	6.6 U
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3.5 U	2.6 U	3.2 U	2.6 U	2.6 U
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U	1.3 U
Toluene	700	6300000	44000	UG/KG	2.6 U	2 U	2.4 U	2 U	2 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U	1.3 U
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2.6 U	2 U	2.4 U	2 U	2 U
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U	1.3 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U	6.6 U
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.8 U	1.3 U	1.6 U	1.3 U	1.3 U
Trichlorofluoromethane	--	23000000	87000	UG/KG	8.8 U	6.6 U	8.1 U	6.6 U	6.6 U
Vinyl Acetate	--	--	14000	UG/KG	18 U	13 U	16 U	13 U	13 U
Vinyl Chloride	20	700	27	UG/KG	3.5 U	2.6 U	3.2 U	2.6 U	2.6 U
Xylenes	260	12000000	990000	UG/KG	21	2.6 U	3.2 U	2.6 U	2.6 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-1	B-1	B-1	B-2A
					03/09/2017	03/09/2017	03/09/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	17.5 - 17.5	5 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	30 U	25 U	28 U	30 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	2.2 U	1.9 U	2.1 U	2.2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	2.2 U	1.9 U	2.1 U	2.2 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U
1,1-Dichloropropene	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2,3-Trichloropropane	--	--	820	UG/KG	15 U	12 U	14 U	15 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	6 U	5 U	5.6 U	5.9 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	6 U	5 U	5.6 U	5.9 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,2-Dichloroethane	20	900	100	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U
1,2-Dichloropropane	--	2000	110	UG/KG	5.2 U	4.4 U	4.9 U	5.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,3-Dichloropropane	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
1,4-Diethyl Benzene	--	--	--	UG/KG	6 U	5 U	5.6 U	5.9 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	60 U	50 U	56 U	59 U
2,2-Dichloropropane	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U
2-Chlorotoluene	--	--	20000	UG/KG	7.5 U	6.3 U	7 U	7.4 U
2-Hexanone	--	--	--	UG/KG	15 U	12 U	14 U	15 U
4-Chlorotoluene	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U
4-Ethyltoluene	--	--	--	UG/KG	6 U	5 U	5.6 U	5.9 U
Acetone	50	70000000	110000	UG/KG	2.1 J	63	70	15 U
Acrylonitrile	--	900	37	UG/KG	15 U	12 U	14 U	15 U
Benzene	60	2000	130	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	17.5 - 17.5	5 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Bromochloromethane	--	--	1600	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Bromoform	--	81000	4400	UG/KG	6 U	5 U	5.6 U	5.9 U	
Bromomethane	--	25000	540	UG/KG	3 U	2.5 U	2.8 U	3 U	
Carbon Disulfide	--	7800000	350000	UG/KG	15 U	12 U	14 U	15 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Chloroethane	--	220000	19000	UG/KG	3 U	2.5 U	2.8 U	3 U	
Chloroform	370	600	2500	UG/KG	2.2 U	1.9 U	2.1 U	2.2 U	
Chloromethane	--	4000	38	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Cyclohexane	--	--	--	UG/KG	30 U	25 U	28 U	30 U	
Cymene	--	--	--	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Dibromomethane	--	--	7700	UG/KG	15 U	12 U	14 U	15 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	15 U	12 U	14 U	15 U	
Dichloroethylenes	--	--	--	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
m,p-Xylene	--	--	--	UG/KG	3 U	2.5 U	2.8 U	3 U	
Methyl Acetate	--	78000000	1900000	UG/KG	30 U	25 U	28 U	30 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	15 U	3.2 J	14 U	15 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	15 U	12 U	14 U	15 U	
Methylcyclohexane	--	--	--	UG/KG	6 U	0.34 J	5.6 U	5.9 U	
Methylene Chloride	50	34000	76	UG/KG	15 U	12 U	1.8 J	15 U	
Naphthalene	12000	6000	25000	UG/KG	0.7 J	2 J	0.41 J	7.4 U	
N-Butylbenzene	12000	--	2600000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	17.5 - 17.5	5 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	3 U	2.5 U	2.8 U	3 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Styrene	--	90000	24000	UG/KG	3 U	2.5 U	2.8 U	3 U	
T-Butylbenzene	5900	--	740000	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3 U	2.5 U	2.8 U	3 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Toluene	700	6300000	44000	UG/KG	2.2 U	1.9 U	2.1 U	2.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2.2 U	1.9 U	2.1 U	2.2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.5 U	1.2 U	1.4 U	1.5 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	7.5 U	6.3 U	7 U	7.4 U	
Vinyl Acetate	--	--	14000	UG/KG	15 U	12 U	14 U	15 U	
Vinyl Chloride	20	700	27	UG/KG	3 U	2.5 U	2.8 U	3 U	
Xylenes	260	12000000	990000	UG/KG	3 U	2.5 U	2.8 U	3 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-2A	B-2A	B-2A	B-2B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	19 - 19	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	30 U	25 U	22 U	27 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	2.2 U	1.9 U	1.7 U	2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	2.2 U	1.9 U	1.7 U	2 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
1,1-Dichloropropene	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2,3-Trichloropropane	--	--	820	UG/KG	15 U	13 U	11 U	13 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	6 U	5.1 U	4.5 U	5.3 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	6 U	5.1 U	4.5 U	5.3 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,2-Dichloroethane	20	900	100	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
1,2-Dichloropropane	--	2000	110	UG/KG	5.2 U	4.4 U	3.9 U	4.7 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,3-Dichloropropane	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
1,4-Diethyl Benzene	--	--	--	UG/KG	6 U	5.1 U	4.5 U	5.3 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	60 U	51 U	45 U	53 U
2,2-Dichloropropane	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
2-Chlorotoluene	--	--	20000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
2-Hexanone	--	--	--	UG/KG	15 U	13 U	11 U	13 U
4-Chlorotoluene	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
4-Ethyltoluene	--	--	--	UG/KG	6 U	5.1 U	4.5 U	5.3 U
Acetone	50	70000000	110000	UG/KG	15 U	4.9 J	6.8 J	13 U
Acrylonitrile	--	900	37	UG/KG	15 U	13 U	11 U	13 U
Benzene	60	2000	130	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-2A	B-2A	B-2A	B-2B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	19 - 19	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
Bromochloromethane	--	--	1600	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
Bromodichloromethane	--	1000	3400	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Bromoform	--	81000	4400	UG/KG	6 U	5.1 U	4.5 U	5.3 U
Bromomethane	--	25000	540	UG/KG	3 U	2.5 U	2.2 U	2.7 U
Carbon Disulfide	--	7800000	350000	UG/KG	15 U	13 U	11 U	13 U
Carbon Tetrachloride	760	600	260	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Chlorobenzene	1100	510000	6100	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Chloroethane	--	220000	19000	UG/KG	3 U	2.5 U	2.2 U	2.7 U
Chloroform	370	600	2500	UG/KG	2.2 U	1.9 U	1.7 U	2 U
Chloromethane	--	4000	38	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Cyclohexane	--	--	--	UG/KG	30 U	25 U	22 U	27 U
Cymene	--	--	--	UG/KG	1.5 U	1.3 U	1.1 U	0.17 J
Dibromochloromethane	--	3000	3200	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Dibromomethane	--	--	7700	UG/KG	15 U	13 U	11 U	13 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	15 U	13 U	11 U	13 U
Dichloroethylenes	--	--	--	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
Ethylbenzene	1000	7800000	46000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
Hexachlorobutadiene	--	6000	1200	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
m,p-Xylene	--	--	--	UG/KG	3 U	2.5 U	2.2 U	2.7 U
Methyl Acetate	--	78000000	1900000	UG/KG	30 U	25 U	22 U	27 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	15 U	13 U	11 U	13 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	15 U	13 U	11 U	13 U
Methylcyclohexane	--	--	--	UG/KG	6 U	5.1 U	4.5 U	5.3 U
Methylene Chloride	50	34000	76	UG/KG	15 U	13 U	11 U	13 U
Naphthalene	12000	6000	25000	UG/KG	0.48 J	1.2 J	5.6 U	6.7 U
N-Butylbenzene	12000	--	2600000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U
N-Propylbenzene	3900	--	780000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	19 - 19	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	3 U	2.5 U	2.2 U	2.7 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U	
Styrene	--	90000	24000	UG/KG	3 U	2.5 U	2.2 U	2.7 U	
T-Butylbenzene	5900	--	740000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3 U	2.5 U	2.2 U	2.7 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U	
Toluene	700	6300000	44000	UG/KG	2.2 U	1.9 U	1.7 U	2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2.2 U	1.9 U	1.7 U	2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.5 U	1.3 U	1.1 U	1.3 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	7.5 U	6.3 U	5.6 U	6.7 U	
Vinyl Acetate	--	--	14000	UG/KG	15 U	13 U	11 U	13 U	
Vinyl Chloride	20	700	27	UG/KG	3 U	2.5 U	2.2 U	2.7 U	
Xylenes	260	12000000	990000	UG/KG	3 U	2.5 U	2.2 U	2.7 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-2B	B-2B	B-2B	B-3A
					03/13/2017	03/13/2017	03/13/2017	03/06/2017
					7.5 - 7.5	11 - 11	17.5 - 17.5	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	81 U	1.2 U	1.1 U	1.2 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	81 U	1.2 U	1.1 U	1.2 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	81 U	1.2 U	1.1 U	1.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	1600 U	25 U	23 U	23 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	120 U	1.8 U	1.7 U	1.8 U
1,1-Dichloroethane	270	8000	2700	UG/KG	120 U	1.8 U	1.7 U	1.8 U
1,1-Dichloroethene	330	11000	190	UG/KG	81 U	1.2 U	1.1 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,2,3-Trichloropropane	--	--	820	UG/KG	810 U	12 U	11 U	12 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	320 U	4.9 U	4.5 U	4.7 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	480	0.25 J	0.26 J	5.8 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	320 U	4.9 U	4.5 U	4.7 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,2-Dichloroethane	20	900	100	UG/KG	81 U	1.2 U	1.1 U	1.2 U
1,2-Dichloropropane	--	2000	110	UG/KG	280 U	4.3 U	4 U	4.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,3-Dichloropropane	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
1,4-Diethyl Benzene	--	--	--	UG/KG	320 U	4.9 U	4.5 U	4.7 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	3200 U	49 U	45 U	47 U
2,2-Dichloropropane	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
2-Chlorotoluene	--	--	20000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
2-Hexanone	--	--	--	UG/KG	810 U	12 U	11 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
4-Ethyltoluene	--	--	--	UG/KG	10 J	4.9 U	4.5 U	4.7 U
Acetone	50	70000000	110000	UG/KG	610 J	63	15	1.6 J
Acrylonitrile	--	900	37	UG/KG	810 U	12 U	11 U	12 U
Benzene	60	2000	130	UG/KG	81 U	1.2 U	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-2B	B-2B	B-2B	B-3A
					03/13/2017	03/13/2017	03/13/2017	03/06/2017
					7.5 - 7.5	11 - 11	17.5 - 17.5	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U
Bromochloromethane	--	--	1600	UG/KG	410 U	6.2 U	5.6 U	5.8 U
Bromodichloromethane	--	1000	3400	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Bromoform	--	81000	4400	UG/KG	320 U	4.9 U	4.5 U	4.7 U
Bromomethane	--	25000	540	UG/KG	160 U	2.5 U	2.3 U	2.3 U
Carbon Disulfide	--	7800000	350000	UG/KG	810 U	12 U	11 U	12 U
Carbon Tetrachloride	760	600	260	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Chlorobenzene	1100	510000	6100	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Chloroethane	--	220000	19000	UG/KG	160 U	2.5 U	2.3 U	2.3 U
Chloroform	370	600	2500	UG/KG	120 U	1.8 U	1.7 U	1.8 U
Chloromethane	--	4000	38	UG/KG	410 U	6.2 U	5.6 U	5.8 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Cyclohexane	--	--	--	UG/KG	1600 U	25 U	23 U	23 U
Cymene	--	--	--	UG/KG	2500	3.6	5.4	1.2 U
Dibromochloromethane	--	3000	3200	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Dibromomethane	--	--	7700	UG/KG	810 U	12 U	11 U	12 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	810 U	12 U	11 U	12 U
Dichloroethylenes	--	--	--	UG/KG	81 U	1.2 U	1.1 U	1.2 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	410 U	6.2 U	5.6 U	5.8 U
Ethylbenzene	1000	7800000	46000	UG/KG	12 J	1.2 U	1.1 U	1.2 U
Hexachlorobutadiene	--	6000	1200	UG/KG	410 U	6.2 U	5.6 U	5.8 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	81 U	1.2 U	1.1 U	1.2 U
m,p-Xylene	--	--	--	UG/KG	63 J	2.5 U	0.69 J	2.3 U
Methyl Acetate	--	78000000	1900000	UG/KG	1300 J	25 U	23 U	23 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	810 U	4.4 J	11 U	12 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	810 U	12 U	11 U	12 U
Methylcyclohexane	--	--	--	UG/KG	320 U	0.2 J	4.5 U	4.7 U
Methylene Chloride	50	34000	76	UG/KG	140 J	12 U	11 U	12 U
Naphthalene	12000	6000	25000	UG/KG	490	1.2 J	3.1 J	1.1 J
N-Butylbenzene	12000	--	2600000	UG/KG	81 U	1.2 U	1.1 U	1.2 U
N-Propylbenzene	3900	--	780000	UG/KG	81 U	1.2 U	1.1 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	11 - 11	17.5 - 17.5	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	160 U	2.5 U	2.3 U	2.3 U	2.3 U
Sec-Butylbenzene	11000	--	960000	UG/KG	81 U	1.2 U	1.1 U	1.2 U	1.2 U
Styrene	--	90000	24000	UG/KG	160 U	2.5 U	2.3 U	2.3 U	2.3 U
T-Butylbenzene	5900	--	740000	UG/KG	410 U	6.2 U	5.6 U	5.8 U	5.8 U
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	160 U	2.5 U	2.3 U	2.3 U	2.3 U
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	81 U	1.2 U	1.1 U	1.2 U	1.2 U
Toluene	700	6300000	44000	UG/KG	26 J	1.8 U	1.7 U	1.8 U	1.8 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	81 U	1.2 U	1.1 U	1.2 U	1.2 U
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	120 U	1.8 U	1.7 U	1.8 U	1.8 U
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	81 U	1.2 U	1.1 U	1.2 U	1.2 U
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	410 U	6.2 U	5.6 U	5.8 U	5.8 U
Trichloroethylene (TCE)	470	7000	170	UG/KG	81 U	1.2 U	1.1 U	1.2 U	1.2 U
Trichlorofluoromethane	--	23000000	87000	UG/KG	410 U	6.2 U	5.6 U	5.8 U	5.8 U
Vinyl Acetate	--	--	14000	UG/KG	810 U	12 U	11 U	12 U	12 U
Vinyl Chloride	20	700	27	UG/KG	160 U	2.5 U	2.3 U	2.3 U	2.3 U
Xylenes	260	12000000	990000	UG/KG	63 J	2.5 U	0.69 J	2.3 U	2.3 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-3A	B-3A	B-3A	B-3B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					6 - 6	12 - 12	20 - 20	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1 U	1.2 U	1.1 U	1.4 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1 U	1.2 U	1.1 U	1.4 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1 U	1.2 U	1.1 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	20 U	25 U	23 U	29 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.5 U	1.9 U	1.7 U	2.2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	1.5 U	1.9 U	1.7 U	2.2 U
1,1-Dichloroethene	330	11000	190	UG/KG	1 U	1.2 U	1.1 U	1.4 U
1,1-Dichloropropene	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2,3-Trichloropropane	--	--	820	UG/KG	10 U	12 U	11 U	14 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.1 U	5 U	4.6 U	5.8 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.1 U	5 U	4.6 U	5.8 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,2-Dichloroethane	20	900	100	UG/KG	1 U	1.2 U	1.1 U	1.4 U
1,2-Dichloropropane	--	2000	110	UG/KG	3.6 U	4.4 U	4 U	5.1 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,3-Dichloropropane	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4.1 U	5 U	4.6 U	5.8 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	41 U	50 U	46 U	58 U
2,2-Dichloropropane	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
2-Chlorotoluene	--	--	20000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
2-Hexanone	--	--	--	UG/KG	10 U	12 U	11 U	14 U
4-Chlorotoluene	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U
4-Ethyltoluene	--	--	--	UG/KG	4.1 U	5 U	4.6 U	5.8 U
Acetone	50	70000000	110000	UG/KG	1.3 J	7.2 J	4.6 J	14 U
Acrylonitrile	--	900	37	UG/KG	10 U	12 U	11 U	14 U
Benzene	60	2000	130	UG/KG	1 U	1.2 U	1.1 U	1.4 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	6 - 6	12 - 12	20 - 20	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Bromochloromethane	--	--	1600	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Bromodichloromethane	--	1000	3400	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Bromoform	--	81000	4400	UG/KG	4.1 U	5 U	4.6 U	5.8 U	
Bromomethane	--	25000	540	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Carbon Disulfide	--	7800000	350000	UG/KG	10 U	12 U	11 U	14 U	
Carbon Tetrachloride	760	600	260	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Chlorobenzene	1100	510000	6100	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Chloroethane	--	220000	19000	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Chloroform	370	600	2500	UG/KG	1.5 U	1.9 U	4.5	2.2 U	
Chloromethane	--	4000	38	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Cyclohexane	--	--	--	UG/KG	20 U	25 U	23 U	29 U	
Cymene	--	--	--	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Dibromochloromethane	--	3000	3200	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Dibromomethane	--	--	7700	UG/KG	10 U	12 U	11 U	14 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	10 U	12 U	11 U	14 U	
Dichloroethylenes	--	--	--	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
m,p-Xylene	--	--	--	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Methyl Acetate	--	78000000	1900000	UG/KG	20 U	25 U	23 U	29 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	10 U	12 U	11 U	14 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	10 U	12 U	11 U	14 U	
Methylcyclohexane	--	--	--	UG/KG	4.1 U	5 U	4.6 U	5.8 U	
Methylene Chloride	50	34000	76	UG/KG	10 U	12 U	11 U	14 U	
Naphthalene	12000	6000	25000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
N-Butylbenzene	12000	--	2600000	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
N-Propylbenzene	3900	--	780000	UG/KG	1 U	1.2 U	1.1 U	1.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	6 - 6	12 - 12	20 - 20	2 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Styrene	--	90000	24000	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
T-Butylbenzene	5900	--	740000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Toluene	700	6300000	44000	UG/KG	1.5 U	1.9 U	1.7 U	2.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.5 U	1.9 U	1.7 U	2.2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1 U	1.2 U	1.1 U	1.4 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	5.1 U	6.2 U	5.7 U	7.3 U	
Vinyl Acetate	--	--	14000	UG/KG	10 U	12 U	11 U	14 U	
Vinyl Chloride	20	700	27	UG/KG	2 U	2.5 U	2.3 U	2.9 U	
Xylenes	260	12000000	990000	UG/KG	2 U	2.5 U	2.3 U	2.9 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

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-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-3B	B-3B	B-3B	B-3C
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7 - 7	12 - 12	17.5 - 17.5	4 - 4
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	2 U	1.2 U	1.4 U	1.5 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	2 U	1.2 U	1.4 U	1.5 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	2 U	1.2 U	1.4 U	1.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	39 U	24 U	29 U	30 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	3 U	1.8 U	2.1 U	2.2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	3 U	1.8 U	2.1 U	2.2 U
1,1-Dichloroethene	330	11000	190	UG/KG	2 U	1.2 U	1.4 U	1.5 U
1,1-Dichloropropene	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2,3-Trichloropropane	--	--	820	UG/KG	20 U	12 U	14 U	15 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	7.9 U	4.8 U	5.7 U	6 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	7.9 U	4.8 U	5.7 U	6 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,2-Dichloroethane	20	900	100	UG/KG	2 U	1.2 U	1.4 U	1.5 U
1,2-Dichloropropane	--	2000	110	UG/KG	6.9 U	4.2 U	5 U	5.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,3-Dichloropropane	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
1,4-Diethyl Benzene	--	--	--	UG/KG	7.9 U	4.8 U	5.7 U	6 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	79 U	48 U	57 U	60 U
2,2-Dichloropropane	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
2-Chlorotoluene	--	--	20000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
2-Hexanone	--	--	--	UG/KG	20 U	12 U	14 U	15 U
4-Chlorotoluene	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
4-Ethyltoluene	--	--	--	UG/KG	7.9 U	4.8 U	5.7 U	6 U
Acetone	50	70000000	110000	UG/KG	7.9 J	6.4 J	6.8 J	4 J
Acrylonitrile	--	900	37	UG/KG	20 U	12 U	14 U	15 U
Benzene	60	2000	130	UG/KG	2 U	1.2 U	1.4 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-3B	B-3B	B-3B	B-3C
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7 - 7	12 - 12	17.5 - 17.5	4 - 4
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U
Bromochloromethane	--	--	1600	UG/KG	9.9 U	6 U	7.2 U	7.5 U
Bromodichloromethane	--	1000	3400	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Bromoform	--	81000	4400	UG/KG	7.9 U	4.8 U	5.7 U	6 U
Bromomethane	--	25000	540	UG/KG	3.9 U	2.4 U	2.9 U	3 U
Carbon Disulfide	--	7800000	350000	UG/KG	20 U	12 U	14 U	15 U
Carbon Tetrachloride	760	600	260	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Chlorobenzene	1100	510000	6100	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Chloroethane	--	220000	19000	UG/KG	3.9 U	2.4 U	2.9 U	3 U
Chloroform	370	600	2500	UG/KG	3 U	1.8 U	2.1 U	2.2 U
Chloromethane	--	4000	38	UG/KG	9.9 U	6 U	7.2 U	7.5 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Cyclohexane	--	--	--	UG/KG	39 U	24 U	29 U	30 U
Cymene	--	--	--	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Dibromochloromethane	--	3000	3200	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Dibromomethane	--	--	7700	UG/KG	20 U	12 U	14 U	15 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	20 U	12 U	14 U	15 U
Dichloroethylenes	--	--	--	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
Ethylbenzene	1000	7800000	46000	UG/KG	2 U	1.2 U	1.4 U	1.5 U
Hexachlorobutadiene	--	6000	1200	UG/KG	9.9 U	6 U	7.2 U	7.5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	2 U	1.2 U	1.4 U	1.5 U
m,p-Xylene	--	--	--	UG/KG	3.9 U	2.4 U	2.9 U	3 U
Methyl Acetate	--	78000000	1900000	UG/KG	39 U	24 U	29 U	30 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	20 U	12 U	14 U	15 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	20 U	12 U	14 U	15 U
Methylcyclohexane	--	--	--	UG/KG	7.9 U	4.8 U	5.7 U	6 U
Methylene Chloride	50	34000	76	UG/KG	20 U	12 U	14 U	15 U
Naphthalene	12000	6000	25000	UG/KG	9.9 U	6 U	7.2 U	7.5 U
N-Butylbenzene	12000	--	2600000	UG/KG	2 U	1.2 U	1.4 U	1.5 U
N-Propylbenzene	3900	--	780000	UG/KG	2 U	1.2 U	1.4 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7 - 7	12 - 12	17.5 - 17.5	4 - 4
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	3.9 U	2.4 U	2.9 U	3 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	2 U	1.2 U	1.4 U	1.5 U	
Styrene	--	90000	24000	UG/KG	3.9 U	2.4 U	2.9 U	3 U	
T-Butylbenzene	5900	--	740000	UG/KG	9.9 U	6 U	7.2 U	7.5 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3.9 U	2.4 U	2.9 U	3 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	2 U	1.2 U	1.4 U	1.5 U	
Toluene	700	6300000	44000	UG/KG	3 U	1.8 U	2.1 U	2.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	2 U	1.2 U	1.4 U	1.5 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	3 U	1.8 U	2.1 U	2.2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	2 U	1.2 U	1.4 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	9.9 U	6 U	7.2 U	7.5 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	2 U	1.2 U	1.4 U	1.5 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	9.9 U	6 U	7.2 U	7.5 U	
Vinyl Acetate	--	--	14000	UG/KG	20 U	12 U	14 U	15 U	
Vinyl Chloride	20	700	27	UG/KG	3.9 U	2.4 U	2.9 U	3 U	
Xylenes	260	12000000	990000	UG/KG	3.9 U	2.4 U	2.9 U	3 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-3C	B-3C	B-3C	B-4A
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	32 U	27 U	24 U	37 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	2.4 U	2 U	1.8 U	2.8 U
1,1-Dichloroethane	270	8000	2700	UG/KG	2.4 U	2 U	1.8 U	2.8 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
1,1-Dichloropropene	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2,3-Trichloropropane	--	--	820	UG/KG	16 U	13 U	12 U	18 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,2-Dichloroethane	20	900	100	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
1,2-Dichloropropane	--	2000	110	UG/KG	5.7 U	4.7 U	4.2 U	6.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,3-Dichloropropane	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
1,4-Diethyl Benzene	--	--	--	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	65 U	53 U	48 U	73 U
2,2-Dichloropropane	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
2-Chlorotoluene	--	--	20000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
2-Hexanone	--	--	--	UG/KG	16 U	13 U	12 U	18 U
4-Chlorotoluene	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
4-Ethyltoluene	--	--	--	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
Acetone	50	70000000	110000	UG/KG	9.9 J	3.2 J	4.7 J	18 U
Acrylonitrile	--	900	37	UG/KG	16 U	13 U	12 U	18 U
Benzene	60	2000	130	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-3C	B-3C	B-3C	B-4A
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U
Bromochloromethane	--	--	1600	UG/KG	8.1 U	6.7 U	6 U	9.2 U
Bromodichloromethane	--	1000	3400	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Bromoform	--	81000	4400	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
Bromomethane	--	25000	540	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U
Carbon Disulfide	--	7800000	350000	UG/KG	16 U	13 U	12 U	18 U
Carbon Tetrachloride	760	600	260	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Chlorobenzene	1100	510000	6100	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Chloroethane	--	220000	19000	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U
Chloroform	370	600	2500	UG/KG	2.4 U	2 U	1.8 U	2.8 U
Chloromethane	--	4000	38	UG/KG	8.1 U	6.7 U	6 U	9.2 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Cyclohexane	--	--	--	UG/KG	32 U	27 U	24 U	37 U
Cymene	--	--	--	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Dibromochloromethane	--	3000	3200	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Dibromomethane	--	--	7700	UG/KG	16 U	13 U	12 U	18 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	16 U	13 U	12 U	18 U
Dichloroethylenes	--	--	--	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
Ethylbenzene	1000	7800000	46000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
Hexachlorobutadiene	--	6000	1200	UG/KG	8.1 U	6.7 U	6 U	9.2 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
m,p-Xylene	--	--	--	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U
Methyl Acetate	--	78000000	1900000	UG/KG	32 U	27 U	24 U	37 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	16 U	13 U	12 U	18 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	16 U	13 U	12 U	18 U
Methylcyclohexane	--	--	--	UG/KG	6.5 U	5.3 U	4.8 U	7.3 U
Methylene Chloride	50	34000	76	UG/KG	16 U	13 U	12 U	18 U
Naphthalene	12000	6000	25000	UG/KG	8.1 U	6.7 U	6 U	9.2 U
N-Butylbenzene	12000	--	2600000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U
N-Propylbenzene	3900	--	780000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	19 - 19	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U	
Styrene	--	90000	24000	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U	
T-Butylbenzene	5900	--	740000	UG/KG	8.1 U	6.7 U	6 U	9.2 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U	
Toluene	700	6300000	44000	UG/KG	2.4 U	2 U	1.8 U	2.8 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2.4 U	2 U	1.8 U	2.8 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	8.1 U	6.7 U	6 U	9.2 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.6 U	1.3 U	1.2 U	1.8 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	8.1 U	6.7 U	6 U	9.2 U	
Vinyl Acetate	--	--	14000	UG/KG	16 U	13 U	12 U	18 U	
Vinyl Chloride	20	700	27	UG/KG	3.2 U	2.7 U	2.4 U	3.7 U	
Xylenes	260	12000000	990000	UG/KG	3.2 U	2.7 U	2.4 U	3.7 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-4A	B-4A	B-4A	B-4B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					6 - 6	12.5 - 12.5	17.5 - 17.5	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	24 U	22 U	26 U	31 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.8 U	1.6 U	1.9 U	2.3 U
1,1-Dichloroethane	270	8000	2700	UG/KG	1.8 U	1.6 U	1.9 U	2.3 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
1,1-Dichloropropene	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2,3-Trichloropropane	--	--	820	UG/KG	12 U	11 U	13 U	15 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,2-Dichloroethane	20	900	100	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
1,2-Dichloropropane	--	2000	110	UG/KG	4.2 U	3.8 U	4.5 U	5.4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,3-Dichloropropane	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
1,4-Diethyl Benzene	--	--	--	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	48 U	43 U	52 U	61 U
2,2-Dichloropropane	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
2-Chlorotoluene	--	--	20000	UG/KG	6 U	5.4 U	6.5 U	7.7 U
2-Hexanone	--	--	--	UG/KG	12 U	11 U	13 U	15 U
4-Chlorotoluene	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
4-Ethyltoluene	--	--	--	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
Acetone	50	70000000	110000	UG/KG	1.8 J	5.3 J	3.3 J	15 U
Acrylonitrile	--	900	37	UG/KG	12 U	11 U	13 U	15 U
Benzene	60	2000	130	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-4A	B-4A	B-4A	B-4B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					6 - 6	12.5 - 12.5	17.5 - 17.5	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U
Bromochloromethane	--	--	1600	UG/KG	6 U	5.4 U	6.5 U	7.7 U
Bromodichloromethane	--	1000	3400	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Bromoform	--	81000	4400	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
Bromomethane	--	25000	540	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U
Carbon Disulfide	--	7800000	350000	UG/KG	12 U	11 U	13 U	15 U
Carbon Tetrachloride	760	600	260	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Chlorobenzene	1100	510000	6100	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Chloroethane	--	220000	19000	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U
Chloroform	370	600	2500	UG/KG	1.8 U	1.6 U	0.91 J	2.3 U
Chloromethane	--	4000	38	UG/KG	6 U	5.4 U	6.5 U	7.7 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Cyclohexane	--	--	--	UG/KG	24 U	22 U	26 U	31 U
Cymene	--	--	--	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Dibromochloromethane	--	3000	3200	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Dibromomethane	--	--	7700	UG/KG	12 U	11 U	13 U	15 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	12 U	11 U	13 U	15 U
Dichloroethylenes	--	--	--	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	0.62 J	5.4 U	6.5 U	7.7 U
Ethylbenzene	1000	7800000	46000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
Hexachlorobutadiene	--	6000	1200	UG/KG	6 U	5.4 U	6.5 U	7.7 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
m,p-Xylene	--	--	--	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U
Methyl Acetate	--	78000000	1900000	UG/KG	24 U	22 U	26 U	31 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	12 U	11 U	13 U	15 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	12 U	11 U	13 U	15 U
Methylcyclohexane	--	--	--	UG/KG	4.8 U	4.3 U	5.2 U	6.1 U
Methylene Chloride	50	34000	76	UG/KG	12 U	11 U	13 U	15 U
Naphthalene	12000	6000	25000	UG/KG	0.4 J	0.37 J	6.5 U	7.7 U
N-Butylbenzene	12000	--	2600000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U
N-Propylbenzene	3900	--	780000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	6 - 6	12.5 - 12.5	17.5 - 17.5	3 - 3
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U	
Styrene	--	90000	24000	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U	
T-Butylbenzene	5900	--	740000	UG/KG	6 U	5.4 U	6.5 U	7.7 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U	
Toluene	700	6300000	44000	UG/KG	1.8 U	1.6 U	1.9 U	2.3 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.8 U	1.6 U	1.9 U	2.3 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	6 U	5.4 U	6.5 U	7.7 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.2 U	1.1 U	1.3 U	1.5 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	6 U	5.4 U	6.5 U	7.7 U	
Vinyl Acetate	--	--	14000	UG/KG	12 U	11 U	13 U	15 U	
Vinyl Chloride	20	700	27	UG/KG	2.4 U	2.2 U	2.6 U	3.1 U	
Xylenes	260	12000000	990000	UG/KG	2.4 U	2.2 U	2.6 U	3.1 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-4B	B-4B	B-4B	B-4C
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	22 - 22	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	19 U	26 U	24 U	30 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.4 U	1.9 U	1.8 U	2.2 U
1,1-Dichloroethane	270	8000	2700	UG/KG	1.4 U	1.9 U	1.8 U	2.2 U
1,1-Dichloroethene	330	11000	190	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
1,1-Dichloropropene	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2,3-Trichloropropane	--	--	820	UG/KG	9.5 U	13 U	12 U	15 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	3.8 U	5.1 U	4.8 U	6 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	3.8 U	5.1 U	4.8 U	6 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,2-Dichloroethane	20	900	100	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
1,2-Dichloropropane	--	2000	110	UG/KG	3.3 U	4.5 U	4.2 U	5.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,3-Dichloropropane	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
1,4-Diethyl Benzene	--	--	--	UG/KG	3.8 U	5.1 U	4.8 U	6 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	38 U	51 U	48 U	60 U
2,2-Dichloropropane	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
2-Chlorotoluene	--	--	20000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
2-Hexanone	--	--	--	UG/KG	9.5 U	13 U	12 U	15 U
4-Chlorotoluene	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
4-Ethyltoluene	--	--	--	UG/KG	3.8 U	5.1 U	4.8 U	6 U
Acetone	50	70000000	110000	UG/KG	3.4 J	6.5 J	2.8 J	15 U
Acrylonitrile	--	900	37	UG/KG	9.5 U	13 U	12 U	15 U
Benzene	60	2000	130	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-4B	B-4B	B-4B	B-4C
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	22 - 22	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
Bromobenzene	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U
Bromochloromethane	--	--	1600	UG/KG	4.7 U	6.4 U	6 U	7.5 U
Bromodichloromethane	--	1000	3400	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Bromoform	--	81000	4400	UG/KG	3.8 U	5.1 U	4.8 U	6 U
Bromomethane	--	25000	540	UG/KG	1.9 U	2.6 U	2.4 U	3 U
Carbon Disulfide	--	7800000	350000	UG/KG	9.5 U	13 U	12 U	15 U
Carbon Tetrachloride	760	600	260	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Chlorobenzene	1100	510000	6100	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Chloroethane	--	220000	19000	UG/KG	1.9 U	2.6 U	2.4 U	3 U
Chloroform	370	600	2500	UG/KG	1.4 U	1.9 U	1.8 U	2.2 U
Chloromethane	--	4000	38	UG/KG	4.7 U	6.4 U	6 U	7.5 U
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Cyclohexane	--	--	--	UG/KG	19 U	26 U	24 U	30 U
Cymene	--	--	--	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Dibromochloromethane	--	3000	3200	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Dibromomethane	--	--	7700	UG/KG	9.5 U	13 U	12 U	15 U
Dichlorodifluoromethane	--	490000	100000	UG/KG	9.5 U	13 U	12 U	15 U
Dichloroethylenes	--	--	--	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	4.7 U	6.4 U	2.4 J	7.5 U
Ethylbenzene	1000	7800000	46000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
Hexachlorobutadiene	--	6000	1200	UG/KG	4.7 U	6.4 U	6 U	7.5 U
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
m,p-Xylene	--	--	--	UG/KG	1.9 U	2.6 U	2.4 U	3 U
Methyl Acetate	--	78000000	1900000	UG/KG	19 U	26 U	24 U	30 U
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	9.5 U	13 U	12 U	15 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	9.5 U	13 U	12 U	15 U
Methylcyclohexane	--	--	--	UG/KG	3.8 U	5.1 U	4.8 U	6 U
Methylene Chloride	50	34000	76	UG/KG	9.5 U	13 U	12 U	15 U
Naphthalene	12000	6000	25000	UG/KG	4.7 U	6.4 U	6 U	7.5 U
N-Butylbenzene	12000	--	2600000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U
N-Propylbenzene	3900	--	780000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	22 - 22	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	1.9 U	2.6 U	2.4 U	3 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U	
Styrene	--	90000	24000	UG/KG	1.9 U	2.6 U	2.4 U	3 U	
T-Butylbenzene	5900	--	740000	UG/KG	4.7 U	6.4 U	6 U	7.5 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	1.9 U	2.6 U	2.4 U	3 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U	
Toluene	700	6300000	44000	UG/KG	1.4 U	1.9 U	1.8 U	2.2 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.4 U	1.9 U	1.8 U	2.2 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	4.7 U	6.4 U	6 U	7.5 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	0.95 U	1.3 U	1.2 U	1.5 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	4.7 U	6.4 U	6 U	7.5 U	
Vinyl Acetate	--	--	14000	UG/KG	9.5 U	13 U	12 U	15 U	
Vinyl Chloride	20	700	27	UG/KG	1.9 U	2.6 U	2.4 U	3 U	
Xylenes	260	12000000	990000	UG/KG	1.9 U	2.6 U	2.4 U	3 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-4C	B-4C	B-4C	B-5
					03/08/2017	03/08/2017	03/08/2017	03/06/2017
					7.5 - 7.5	12.5 - 12.5	21 - 21	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units				
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	35 U	29 U	25 U	24 U
1,1,2-Trichloroethane	--	2000	150	UG/KG	2.6 U	2.2 U	1.9 U	1.8 U
1,1-Dichloroethane	270	8000	2700	UG/KG	2.6 U	2.2 U	1.9 U	1.8 U
1,1-Dichloroethene	330	11000	190	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U
1,1-Dichloropropene	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,2,3-Trichlorobenzene	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	0.22 J
1,2,3-Trichloropropane	--	--	820	UG/KG	18 U	14 U	13 U	12 U
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	7 U	5.8 U	5.1 U	4.8 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	8.8 U	7.2 U	6.3 U	0.62 J
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	7 U	5.8 U	5.1 U	4.8 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,2-Dichloroethane	20	900	100	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U
1,2-Dichloropropane	--	2000	110	UG/KG	6.1 U	5.1 U	4.4 U	4.2 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,3-Dichloropropane	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	8.8 U	7.2 U	6.3 U	6 U
1,4-Diethyl Benzene	--	--	--	UG/KG	7 U	5.8 U	5.1 U	4.8 U
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	70 U	58 U	51 U	48 U
2,2-Dichloropropane	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U
2-Chlorotoluene	--	--	20000	UG/KG	8.8 U	7.2 U	6.3 U	6 U
2-Hexanone	--	--	--	UG/KG	18 U	14 U	13 U	12 U
4-Chlorotoluene	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U
4-Ethyltoluene	--	--	--	UG/KG	7 U	5.8 U	5.1 U	4.8 U
Acetone	50	70000000	110000	UG/KG	85	14 U	3.3 J	1.6 J
Acrylonitrile	--	900	37	UG/KG	18 U	14 U	13 U	12 U
Benzene	60	2000	130	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	21 - 21	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Bromochloromethane	--	--	1600	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Bromoform	--	81000	4400	UG/KG	7 U	5.8 U	5.1 U	4.8 U	
Bromomethane	--	25000	540	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Carbon Disulfide	--	7800000	350000	UG/KG	18 U	14 U	13 U	12 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Chloroethane	--	220000	19000	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Chloroform	370	600	2500	UG/KG	2.6 U	2.2 U	1.9 U	1.8 U	
Chloromethane	--	4000	38	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Cyclohexane	--	--	--	UG/KG	35 U	29 U	25 U	24 U	
Cymene	--	--	--	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Dibromomethane	--	--	7700	UG/KG	18 U	14 U	13 U	12 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	18 U	14 U	13 U	12 U	
Dichloroethylenes	--	--	--	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	0.21 J	1.4 U	1.3 U	1.2 U	
m,p-Xylene	--	--	--	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Methyl Acetate	--	78000000	1900000	UG/KG	35 U	29 U	25 U	24 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	6.1 J	14 U	13 U	12 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	18 U	14 U	13 U	12 U	
Methylcyclohexane	--	--	--	UG/KG	7 U	5.8 U	5.1 U	4.8 U	
Methylene Chloride	50	34000	76	UG/KG	18 U	14 U	13 U	12 U	
Naphthalene	12000	6000	25000	UG/KG	8.8 U	7.2 U	6.3 U	0.76 J	
N-Butylbenzene	12000	--	2600000	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	7.5 - 7.5	12.5 - 12.5	21 - 21	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Styrene	--	90000	24000	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
T-Butylbenzene	5900	--	740000	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Toluene	700	6300000	44000	UG/KG	2.6 U	2.2 U	1.9 U	1.8 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	2.6 U	2.2 U	1.9 U	1.8 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.8 U	1.4 U	1.3 U	1.2 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	8.8 U	7.2 U	6.3 U	6 U	
Vinyl Acetate	--	--	14000	UG/KG	18 U	14 U	13 U	12 U	
Vinyl Chloride	20	700	27	UG/KG	3.5 U	2.9 U	2.5 U	2.4 U	
Xylenes	260	12000000	990000	UG/KG	3.5 U	2.9 U	2.5 U	2.4 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	6 - 6	12.5 - 12.5	17.5 - 17.5	21 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,1,1,2-Tetrachloroethane	--	--	18000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
1,1,1-Trichloroethane	680	290000	7200	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
1,1,2,2-Tetrachloroethane	--	1000	9.3	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	53000000	UG/KG	23 U	24 U	25 U	28 U	
1,1,2-Trichloroethane	--	2000	150	UG/KG	1.7 U	1.8 U	1.9 U	2.1 U	
1,1-Dichloroethane	270	8000	2700	UG/KG	1.7 U	1.8 U	1.9 U	2.1 U	
1,1-Dichloroethene	330	11000	190	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
1,1-Dichloropropene	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2,3-Trichlorobenzene	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2,3-Trichloropropane	--	--	820	UG/KG	11 U	12 U	13 U	14 U	
1,2,4,5-Tetramethylbenzene	--	--	--	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2,4-Trimethylbenzene	3600	--	20000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2-Dibromo-3-Chloropropane	--	80	9.2	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	8	1.2	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,2-Dichloroethane	20	900	100	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
1,2-Dichloropropane	--	2000	110	UG/KG	4 U	4.1 U	4.4 U	4.9 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	--	6200	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,3-Dichloropropane	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
1,4-Diethyl Benzene	--	--	--	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
1,4-Dioxane (P-Dioxane)	100	--	310	UG/KG	46 U	47 U	50 U	56 U	
2,2-Dichloropropane	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
2-Chlorotoluene	--	--	20000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
2-Hexanone	--	--	--	UG/KG	11 U	12 U	13 U	14 U	
4-Chlorotoluene	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
4-Ethyltoluene	--	--	--	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
Acetone	50	70000000	110000	UG/KG	3.3 J	3.1 J	18	3.3 J	
Acrylonitrile	--	900	37	UG/KG	11 U	12 U	13 U	14 U	
Benzene	60	2000	130	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	6 - 6	12.5 - 12.5	17.5 - 17.5	21 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Bromobenzene	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Bromochloromethane	--	--	1600	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Bromodichloromethane	--	1000	3400	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Bromoform	--	81000	4400	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
Bromomethane	--	25000	540	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Carbon Disulfide	--	7800000	350000	UG/KG	11 U	12 U	13 U	14 U	
Carbon Tetrachloride	760	600	260	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Chlorobenzene	1100	510000	6100	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Chloroethane	--	220000	19000	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Chloroform	370	600	2500	UG/KG	1.7 U	1.8 U	1.9 U	2.1 U	
Chloromethane	--	4000	38	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Cis-1,2-Dichloroethylene	250	230000	1600	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Cis-1,3-Dichloropropene	--	2000	--	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Cyclohexane	--	--	--	UG/KG	23 U	24 U	25 U	28 U	
Cymene	--	--	--	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Dibromochloromethane	--	3000	3200	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Dibromomethane	--	--	7700	UG/KG	11 U	12 U	13 U	14 U	
Dichlorodifluoromethane	--	490000	100000	UG/KG	11 U	12 U	13 U	14 U	
Dichloroethylenes	--	--	--	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Diethyl Ether (Ethyl Ether)	--	--	120000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Ethylbenzene	1000	7800000	46000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Isopropylbenzene (Cumene)	--	--	1600000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
m,p-Xylene	--	--	--	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Methyl Acetate	--	78000000	1900000	UG/KG	23 U	24 U	25 U	28 U	
Methyl Ethyl Ketone (2-Butanone)	120	3100000	110000	UG/KG	11 U	12 U	13 U	14 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	6300	UG/KG	11 U	12 U	13 U	14 U	
Methylcyclohexane	--	--	--	UG/KG	4.6 U	4.7 U	5 U	5.6 U	
Methylene Chloride	50	34000	76	UG/KG	11 U	12 U	13 U	14 U	
Naphthalene	12000	6000	25000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
N-Butylbenzene	12000	--	2600000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
N-Propylbenzene	3900	--	780000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	

Table 1. Summary of Volatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	6 - 6	12.5 - 12.5	17.5 - 17.5	21 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
O-Xylene (1,2-Dimethylbenzene)	--	12000000	--	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Sec-Butylbenzene	11000	--	960000	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Styrene	--	90000	24000	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
T-Butylbenzene	5900	--	740000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Tert-Butyl Methyl Ether	930	110000	280	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Tetrachloroethylene (PCE)	1300	2000	430	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Toluene	700	6300000	44000	UG/KG	1.7 U	1.8 U	1.9 U	2.1 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	2000	460	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Trans-1,2-Dichloroethene	190	300000	2300	UG/KG	1.7 U	1.8 U	1.9 U	2.1 U	
Trans-1,3-Dichloropropene	--	2000	--	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	--	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Trichloroethylene (TCE)	470	7000	170	UG/KG	1.1 U	1.2 U	1.3 U	1.4 U	
Trichlorofluoromethane	--	23000000	87000	UG/KG	5.7 U	5.9 U	6.3 U	7 U	
Vinyl Acetate	--	--	14000	UG/KG	11 U	12 U	13 U	14 U	
Vinyl Chloride	20	700	27	UG/KG	2.3 U	2.4 U	2.5 U	2.8 U	
Xylenes	260	12000000	990000	UG/KG	2.3 U	2.4 U	2.5 U	2.8 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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	370 U	180 U	190 U	380 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	370 U	180 U	190 U	380 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	370 U	180 U	190 U	380 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	370 U	180 U	190 U	380 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	220 U	110 U	110 U	230 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	340 U	160 U	170 U	340 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	370 U	180 U	190 U	380 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	1800 U	860 U	900 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	370 U	180 U	190 U	380 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	370 U	180 U	190 U	380 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	370 U	180 U	190 U	380 U	
2-Chlorophenol	--	310000	4400	UG/KG	370 U	180 U	190 U	380 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	450 U	220 U	220 U	460 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	370 U	180 U	190 U	380 U	
2-Nitroaniline	--	39000	100	UG/KG	370 U	180 U	190 U	380 U	
2-Nitrophenol	--	--	17000	UG/KG	800 U	390 U	400 U	820 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	540 U	260 U	270 U	550 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	370 U	180 U	190 U	380 U	
3-Nitroaniline	--	--	91	UG/KG	370 U	180 U	190 U	380 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	970 U	470 U	490 U	990 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	370 U	180 U	190 U	380 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	370 U	180 U	190 U	380 U	
4-Chloroaniline	--	--	52000	UG/KG	370 U	180 U	190 U	380 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	370 U	180 U	190 U	380 U	
4-Nitroaniline	--	--	86	UG/KG	370 U	180 U	190 U	380 U	
4-Nitrophenol	--	--	4100	UG/KG	520 U	250 U	260 U	530 U	
Acenaphthene	20000	3400000	4700000	UG/KG	53 J	140 U	150 U	87 J	
Acenaphthylene	100000	--	6900000	UG/KG	120 J	140 U	150 U	560	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	370 U	180 U	190 U	380 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	550	110 U	110 U	620	
Atrazine	--	210000	130	UG/KG	300 U	140 U	150 U	300 U	
Benzaldehyde	--	6100000	--	UG/KG	490 U	240 U	250 U	500 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	2200	29 J	110 U	3700	
Benzo(A)Pyrene	1000	200	11000	UG/KG	1800	140 U	150 U	3700	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	2500	34 J	110 U	4900	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	1000	140 U	150 U	2700	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	770	110 U	110 U	1600	
Benzoic Acid	--	--	7800000	UG/KG	1200 U	580 U	610 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	370 U	180 U	190 U	380 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	370 U	180 U	190 U	380 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	850 U	410 U	430 U	870 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	400 U	190 U	200 U	410 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	340 U	160 U	170 U	340 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	450 U	220 U	220 U	460 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	220 J	180 U	190 U	380 U	
Caprolactam	--	31000000	--	UG/KG	370 U	180 U	190 U	380 U	
Carbazole	--	24000	83000	UG/KG	72 J	180 U	190 U	260 J	
Chrysene	1000	62000	230000	UG/KG	1900	26 J	110 U	3600	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	320	110 U	110 U	710	
Dibenzofuran	7000	--	--	UG/KG	370 U	180 U	190 U	45 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	370 U	180 U	190 U	380 U	
Dimethyl Phthalate	--	--	--	UG/KG	370 U	180 U	190 U	380 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	370 U	180 U	190 U	380 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	370 U	180 U	190 U	380 U	
Fluoranthene	100000	2300000	3200000	UG/KG	4400	52 J	110 U	5900	
Fluorene	30000	2300000	3800000	UG/KG	84 J	180 U	190 U	83 J	
Hexachlorobenzene	330	300	960	UG/KG	220 U	110 U	110 U	230 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	370 U	180 U	190 U	380 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	1100 U	510 U	540 U	1100 U	
Hexachloroethane	--	35000	560	UG/KG	300 U	140 U	150 U	300 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	1100	140 U	150 U	2700	
Isophorone	--	510000	1900	UG/KG	340 U	160 U	170 U	340 U	
Naphthalene	12000	6000	25000	UG/KG	370 U	180 U	190 U	83 J	
Nitrobenzene	--	31000	2200	UG/KG	340 U	160 U	170 U	340 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	370 U	180 U	190 U	380 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	300 U	140 U	150 U	300 U	
Pentachlorophenol	800	3000	5000	UG/KG	300 U	140 U	150 U	300 U	
Phenanthrene	100000	--	10000000	UG/KG	1400	24 J	110 U	1800	
Phenol	330	18000000	66000	UG/KG	370 U	180 U	190 U	380 U	
Pyrene	100000	1700000	2200000	UG/KG	3600	48 J	110 U	5400	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units	Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	180 U	380 U	200 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	200 U	180 U	380 U	200 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	180 U	380 U	200 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	200 U	180 U	380 U	200 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	110 U	230 U	120 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	180 U	160 U	340 U	180 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	200 U	180 U	380 U	200 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	940 U	860 U	1800 U	970 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	200 U	180 U	380 U	200 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	200 U	180 U	380 U	200 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	180 U	380 U	200 U	
2-Chlorophenol	--	310000	4400	UG/KG	200 U	180 U	380 U	200 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	56 J	220 U	48 J	220 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	200 U	180 U	380 U	200 U	
2-Nitroaniline	--	39000	100	UG/KG	200 U	180 U	380 U	200 U	
2-Nitrophenol	--	--	17000	UG/KG	420 U	390 U	810 U	440 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	280 U	260 U	540 U	52 J	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	200 U	180 U	380 U	200 U	
3-Nitroaniline	--	--	91	UG/KG	200 U	180 U	380 U	200 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	510 U	470 U	980 U	530 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	380 U	200 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	180 U	380 U	200 U	
4-Chloroaniline	--	--	52000	UG/KG	200 U	180 U	380 U	200 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	180 U	380 U	200 U	
4-Nitroaniline	--	--	86	UG/KG	200 U	180 U	380 U	320	
4-Nitrophenol	--	--	4100	UG/KG	270 U	250 U	530 U	280 U	
Acenaphthene	20000	3400000	4700000	UG/KG	230	140 U	79 J	550	
Acenaphthylene	100000	--	6900000	UG/KG	210	140 U	580	480	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	200 U	180 U	380 U	200 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	720	110 U	560	1800	
Atrazine	--	210000	130	UG/KG	160 U	140 U	300 U	160 U	
Benzaldehyde	--	6100000	--	UG/KG	260 U	240 U	500 U	270 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	2800	32 J	4700	5600	
Benzo(A)Pyrene	1000	200	11000	UG/KG	2700	140 U	5200	4300	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	3400	31 J	6400	5600	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	1800	140 U	3700	2400	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	1200	110 U	2400	1600	
Benzoic Acid	--	--	7800000	UG/KG	630 U	580 U	1200 U	660 U	
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	180 U	380 U	200 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	200 U	180 U	980	200 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	440 U	410 U	860 U	62 J	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	190 U	410 U	220 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	180 U	160 U	340 U	180 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	220 U	450 U	240 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	200 U	180 U	250 J	110 J	
Caprolactam	--	31000000	--	UG/KG	200 U	180 U	380 U	200 U	
Carbazole	--	24000	83000	UG/KG	410	180 U	160 J	750	
Chrysene	1000	62000	230000	UG/KG	2600	30 J	4600	5100	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	450	110 U	990	660	
Dibenzofuran	7000	--	--	UG/KG	120 J	180 U	54 J	370	
Diethyl Phthalate	--	49000000	160000	UG/KG	200 U	180 U	380 U	200 U	
Dimethyl Phthalate	--	--	--	UG/KG	200 U	180 U	380 U	200 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	200 U	180 U	380 U	3500	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	200 U	180 U	380 U	200 U	
Fluoranthene	100000	2300000	3200000	UG/KG	5400	65 J	6100	9200	
Fluorene	30000	2300000	3800000	UG/KG	230	180 U	100 J	690	
Hexachlorobenzene	330	300	960	UG/KG	120 U	110 U	230 U	120 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	200 U	180 U	380 U	200 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	560 U	520 U	1100 U	580 U	
Hexachloroethane	--	35000	560	UG/KG	160 U	140 U	300 U	160 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	1800	140 U	3800	2700	
Isophorone	--	510000	1900	UG/KG	180 U	160 U	340 U	180 U	
Naphthalene	12000	6000	25000	UG/KG	120 J	180 U	110 J	610	
Nitrobenzene	--	31000	2200	UG/KG	180 U	160 U	340 U	180 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	200 U	180 U	380 U	200 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	160 U	140 U	300 U	160 U	
Pentachlorophenol	800	3000	5000	UG/KG	160 U	140 U	300 U	160 U	
Phenanthrene	100000	--	10000000	UG/KG	2900	63 J	1400	7200	
Phenol	330	18000000	66000	UG/KG	200 U	180 U	380 U	200 U	
Pyrene	100000	1700000	2200000	UG/KG	4800	57 J	6600	8500	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	190 U	200 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	190 U	190 U	200 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	190 U	200 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	190 U	190 U	200 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	110 U	120 U	120 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	170 U	170 U	180 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	190 U	91 J	200 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	910 U	910 U	930 U	950 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	190 U	190 U	200 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	190 U	190 U	200 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	190 U	200 U	
2-Chlorophenol	--	310000	4400	UG/KG	190 U	190 U	190 U	200 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	78 J	30 J	1000	310	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	190 U	46 J	200 U	
2-Nitroaniline	--	39000	100	UG/KG	190 U	190 U	190 U	200 U	
2-Nitrophenol	--	--	17000	UG/KG	410 U	410 U	420 U	430 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	270 U	270 U	170 J	77 J	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	190 U	190 U	200 U	
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	190 U	200 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	490 U	490 U	500 U	510 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U	200 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	190 U	200 U	
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	190 U	200 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U	200 U	
4-Nitroaniline	--	--	86	UG/KG	140 J	190 U	190 U	200 U	
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	270 U	280 U	
Acenaphthene	20000	3400000	4700000	UG/KG	250	97 J	1500	610	
Acenaphthylene	100000	--	6900000	UG/KG	130 J	220	2800	820	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	190 U	190 U	190 U	200 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	700	350	5600	2000	
Atrazine	--	210000	130	UG/KG	150 U	150 U	150 U	160 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	250 U	60 J	260 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	2600	2200	12000	6200	
Benzo(A)Pyrene	1000	200	11000	UG/KG	2100	2000	10000	4900	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	2700	2500	13000	6200	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	1300	1200	6400	2900	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	880	920	3400	2000	
Benzoic Acid	--	--	7800000	UG/KG	610 U	610 U	620 U	640 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	190 U	200 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	260	150 J	190 U	200 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	430 U	430 U	320 J	86 J	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	210 U	210 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	170 U	170 U	180 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	230 U	230 U	240 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	190 U	190	230	670	
Caprolactam	--	31000000	--	UG/KG	190 U	190 U	190 U	200 U	
Carbazole	--	24000	83000	UG/KG	350	110 J	2700	910	
Chrysene	1000	62000	230000	UG/KG	2300	1900	12000	5700	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	310	340	1600	750	
Dibenzofuran	7000	--	--	UG/KG	120 J	35 J	2000	520	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	190 U	190 U	200 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	190 U	200 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	190 U	190 U	200 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	190 U	190 U	200 U	
Fluoranthene	100000	2300000	3200000	UG/KG	5000	3500	29000	13000	
Fluorene	30000	2300000	3800000	UG/KG	260	83 J	2600	900	
Hexachlorobenzene	330	300	960	UG/KG	110 U	110 U	120 U	120 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	190 U	190 U	200 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	540 U	540 U	550 U	560 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	150 U	150 U	160 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	1500	1300	7100	3100	
Isophorone	--	510000	1900	UG/KG	170 U	170 U	170 U	180 U	
Naphthalene	12000	6000	25000	UG/KG	200	43 J	2400	930	
Nitrobenzene	--	31000	2200	UG/KG	170 U	170 U	170 U	180 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	190 U	190 U	200 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	150 U	150 U	160 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	150 U	150 U	160 U	
Phenanthrene	100000	--	10000000	UG/KG	2800	1100	26000	8000	
Phenol	330	18000000	66000	UG/KG	190 U	190 U	100 J	200 U	
Pyrene	100000	1700000	2200000	UG/KG	4600	3300	25000	12000	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

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Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	190 U	190 U	190 U	180 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	190 U	190 U	190 U	180 U
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	110 U	110 U	110 U	110 U
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	170 U	170 U	170 U	160 U
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	190 U	190 U	190 U	180 U
2,4-Dinitrophenol	--	120000	460	UG/KG	900 U	890 U	900 U	900 U	880 U
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	190 U	190 U	190 U	180 U
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	190 U	190 U	190 U	180 U
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	190 U	190 U	180 U
2-Chlorophenol	--	310000	4400	UG/KG	190 U	190 U	190 U	190 U	180 U
2-Methylnaphthalene	--	230000	8000000	UG/KG	220 U	250	220 U	220 U	410
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	190 U	190 U	190 U	180 U
2-Nitroaniline	--	39000	100	UG/KG	190 U	190 U	190 U	190 U	180 U
2-Nitrophenol	--	--	17000	UG/KG	400 U	400 U	410 U	410 U	400 U
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	270 U	46 J	270 U	270 U	260 U
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	190 U	190 U	190 U	180 U
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	190 U	190 U	180 U
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	490 U	480 U	490 U	490 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U	190 U	180 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	190 U	190 U	180 U
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	190 U	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	190 U	190 U	180 U
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	190 U	190 U	180 U
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	260 U	260 U	260 U
Acenaphthene	20000	3400000	4700000	UG/KG	23 J	1100	150 U	150 U	1500
Acenaphthylene	100000	--	6900000	UG/KG	51 J	990	150 U	150 U	40 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	190 U	190 U	190 U	180 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	98 J	2800	110 U	2200	
Atrazine	--	210000	130	UG/KG	150 U	150 U	150 U	150 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	250 U	250 U	240 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	850	9200	110 U	3000	
Benzo(A)Pyrene	1000	200	11000	UG/KG	760	8000	150 U	2000	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	1000	10000	110 U	2600	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	490	5900	150 U	1000	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	360	3100	110 U	930	
Benzoic Acid	--	--	7800000	UG/KG	610 U	600 U	610 U	600 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	190 U	180 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	190 U	190 U	190 U	240	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	430 U	76 J	430 U	120 J	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	200 U	200 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	170 U	170 U	160 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	220 U	220 U	220 U	220 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	92 J	82 J	190 U	130 J	
Caprolactam	--	31000000	--	UG/KG	190 U	190 U	190 U	180 U	
Carbazole	--	24000	83000	UG/KG	33 J	1100	190 U	1200	
Chrysene	1000	62000	230000	UG/KG	760	8200	110 U	2400	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	130	1500	110 U	290	
Dibenzofuran	7000	--	--	UG/KG	190 U	760	190 U	920	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	190 U	190 U	180 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	190 U	180 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	190 U	190 U	180 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	190 U	190 U	180 U	
Fluoranthene	100000	2300000	3200000	UG/KG	1300	18000	110 U	6900	
Fluorene	30000	2300000	3800000	UG/KG	18 J	1100	190 U	1300	
Hexachlorobenzene	330	300	960	UG/KG	110 U	110 U	110 U	110 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	190 U	190 U	180 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	540 U	530 U	540 U	530 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	150 U	150 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	530	6700	150 U	1200	
Isophorone	--	510000	1900	UG/KG	170 U	170 U	170 U	160 U	
Naphthalene	12000	6000	25000	UG/KG	190 U	450	190 U	1500	
Nitrobenzene	--	31000	2200	UG/KG	170 U	170 U	170 U	160 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	190 U	190 U	180 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	150 U	150 U	150 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	150 U	150 U	150 U	
Phenanthrene	100000	--	10000000	UG/KG	310	11000	110 U	7200	
Phenol	330	18000000	66000	UG/KG	190 U	190 U	190 U	180 U	
Pyrene	100000	1700000	2200000	UG/KG	1300	15000	110 U	5500	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	180 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	180 U	180 U	190 U	190 U	190 U
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	180 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	180 U	180 U	190 U	190 U	190 U
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	100 U	110 U	110 U	110 U	110 U
2,4-Dichlorophenol	--	180000	1000	UG/KG	160 U	160 U	170 U	170 U	170 U
2,4-Dimethylphenol	--	1200000	87000	UG/KG	180 U	180 U	76 J	190 U	190 U
2,4-Dinitrophenol	--	120000	460	UG/KG	840 U	860 U	910 U	890 U	890 U
2,4-Dinitrotoluene	--	700	200	UG/KG	180 U	180 U	190 U	190 U	190 U
2,6-Dinitrotoluene	--	700	3000	UG/KG	180 U	180 U	190 U	190 U	190 U
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	180 U	190 U	190 U	190 U
2-Chlorophenol	--	310000	4400	UG/KG	180 U	180 U	190 U	190 U	190 U
2-Methylnaphthalene	--	230000	8000000	UG/KG	38 J	220 U	1000	29 J	29 J
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	180 U	180 U	64 J	190 U	190 U
2-Nitroaniline	--	39000	100	UG/KG	180 U	180 U	190 U	190 U	190 U
2-Nitrophenol	--	--	17000	UG/KG	380 U	390 U	410 U	400 U	400 U
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	250 U	260 U	230 J	270 U	270 U
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	180 U	180 U	190 U	190 U	190 U
3-Nitroaniline	--	--	91	UG/KG	180 U	180 U	190 U	190 U	190 U
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	460 U	470 U	490 U	480 U	480 U
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	190 U	190 U	190 U
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	180 U	190 U	190 U	190 U
4-Chloroaniline	--	--	52000	UG/KG	180 U	180 U	190 U	190 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	190 U	190 U	190 U
4-Nitroaniline	--	--	86	UG/KG	180 U	180 U	190 U	190 U	190 U
4-Nitrophenol	--	--	4100	UG/KG	250 U	250 U	270 U	260 U	260 U
Acenaphthene	20000	3400000	4700000	UG/KG	20 J	140 U	3000	74 J	74 J
Acenaphthylene	100000	--	6900000	UG/KG	130 J	89 J	1600	140 J	140 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	180 U	180 U	190 U	190 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	140	110	6800	250	
Atrazine	--	210000	130	UG/KG	140 U	140 U	150 U	150 U	
Benzaldehyde	--	6100000	--	UG/KG	230 U	240 U	250 U	240 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	380	490	18000	1000	
Benzo(A)Pyrene	1000	200	11000	UG/KG	260	450	15000	900	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	360	610	19000	1200	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	170	330	6600	580	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	130	200	4200	430	
Benzoic Acid	--	--	7800000	UG/KG	570 U	580 U	620 U	600 U	
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	180 U	190 U	190 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	180 U	180 U	190 U	190 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	400 U	410 U	270 J	420 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	190 U	190 U	200 U	200 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	160 U	160 U	170 U	170 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	210 U	220 U	230 U	220 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	180 U	92 J	190 U	190 U	
Caprolactam	--	31000000	--	UG/KG	180 U	180 U	190 U	190 U	
Carbazole	--	24000	83000	UG/KG	130 J	24 J	3500	98 J	
Chrysene	1000	62000	230000	UG/KG	380	470	17000	1100	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	46 J	83 J	1900	130	
Dibenzofuran	7000	--	--	UG/KG	110 J	180 U	2200	69 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	180 U	180 U	190 U	190 U	
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	190 U	190 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	180 U	180 U	190 U	190 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	180 U	180 U	190 U	190 U	
Fluoranthene	100000	2300000	3200000	UG/KG	820	730	37000	2900	
Fluorene	30000	2300000	3800000	UG/KG	62 J	24 J	2800	75 J	
Hexachlorobenzene	330	300	960	UG/KG	100 U	110 U	110 U	110 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	180 U	180 U	190 U	190 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	500 U	510 U	540 U	530 U	
Hexachloroethane	--	35000	560	UG/KG	140 U	140 U	150 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	180	330	7700	630	
Isophorone	--	510000	1900	UG/KG	160 U	160 U	170 U	170 U	
Naphthalene	12000	6000	25000	UG/KG	59 J	180 U	2400	73 J	
Nitrobenzene	--	31000	2200	UG/KG	160 U	160 U	170 U	170 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	180 U	180 U	190 U	190 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	140 U	140 U	150 U	150 U	
Pentachlorophenol	800	3000	5000	UG/KG	140 U	140 U	150 U	150 U	
Phenanthrene	100000	--	10000000	UG/KG	910	300	32000	1400	
Phenol	330	18000000	66000	UG/KG	180 U	180 U	110 J	190 U	
Pyrene	100000	1700000	2200000	UG/KG	640	680	31000	2500	

J - Estimated value

NA - Not analyzed

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

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-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	380 U	200 U	180 U	200 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	230 J	200 U	180 U	200 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	380 U	200 U	180 U	200 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	380 U	200 U	180 U	200 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	230 U	120 U	110 U	120 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	340 U	180 U	160 U	180 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	380 U	200 U	180 U	200 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	1800 U	940 U	870 U	970 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	380 U	200 U	180 U	200 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	380 U	200 U	180 U	200 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	380 U	200 U	180 U	200 U	
2-Chlorophenol	--	310000	4400	UG/KG	380 U	200 U	180 U	200 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	110 J	65 J	220 U	240 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	380 U	200 U	180 U	200 U	
2-Nitroaniline	--	39000	100	UG/KG	380 U	200 U	180 U	200 U	
2-Nitrophenol	--	--	17000	UG/KG	820 U	420 U	390 U	430 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	550 U	280 U	260 U	290 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	380 U	200 U	180 U	200 U	
3-Nitroaniline	--	--	91	UG/KG	380 U	200 U	180 U	200 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	990 U	510 U	470 U	520 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	380 U	200 U	180 U	200 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	380 U	200 U	180 U	200 U	
4-Chloroaniline	--	--	52000	UG/KG	380 U	200 U	180 U	200 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	380 U	200 U	180 U	200 U	
4-Nitroaniline	--	--	86	UG/KG	380 U	200 U	180 U	200 U	
4-Nitrophenol	--	--	4100	UG/KG	530 U	270 U	250 U	280 U	
Acenaphthene	20000	3400000	4700000	UG/KG	120 J	92 J	140 U	160 U	
Acenaphthylene	100000	--	6900000	UG/KG	300 U	100 J	41 J	160 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	380 U	200 U	180 U	200 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	230	230	65 J	77 J	
Atrazine	--	210000	130	UG/KG	300 U	160 U	140 U	160 U	
Benzaldehyde	--	6100000	--	UG/KG	500 U	260 U	240 U	260 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	470	680	350	260	
Benzo(A)Pyrene	1000	200	11000	UG/KG	390	590	340	190	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	500	760	440	270	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	270 J	370	260	110 J	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	120 J	220	150	83 J	
Benzoic Acid	--	--	7800000	UG/KG	1200 U	630 U	590 U	650 U	
Benzyl Alcohol	--	--	1100000	UG/KG	380 U	200 U	180 U	200 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	380 U	71 J	180 U	200 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	870 U	450 U	410 U	460 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	410 U	210 U	200 U	220 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	340 U	180 U	160 U	180 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	460 U	240 U	220 U	240 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	1200	240	110 J	200 U	
Caprolactam	--	31000000	--	UG/KG	380 U	200 U	180 U	200 U	
Carbazole	--	24000	83000	UG/KG	76 J	82 J	23 J	200 U	
Chrysene	1000	62000	230000	UG/KG	430	650	340	210	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	230 U	99 J	65 J	35 J	
Dibenzofuran	7000	--	--	UG/KG	87 J	64 J	180 U	200 U	
Diethyl Phthalate	--	49000000	160000	UG/KG	380 U	200 U	180 U	200 U	
Dimethyl Phthalate	--	--	--	UG/KG	380 U	200 U	180 U	200 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	380 U	200 U	180 U	200 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	380 U	200 U	180 U	200 U	
Fluoranthene	100000	2300000	3200000	UG/KG	960	1400	550	520	
Fluorene	30000	2300000	3800000	UG/KG	130 J	110 J	180 U	20 J	
Hexachlorobenzene	330	300	960	UG/KG	230 U	120 U	110 U	120 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	380 U	200 U	180 U	200 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	1100 U	560 U	520 U	580 U	
Hexachloroethane	--	35000	560	UG/KG	300 U	160 U	140 U	160 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	280 J	370	250	120 J	
Isophorone	--	510000	1900	UG/KG	340 U	180 U	160 U	180 U	
Naphthalene	12000	6000	25000	UG/KG	110 J	140 J	180 U	200 U	
Nitrobenzene	--	31000	2200	UG/KG	340 U	180 U	160 U	180 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	380 U	200 U	180 U	200 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	300 U	160 U	140 U	160 U	
Pentachlorophenol	800	3000	5000	UG/KG	300 U	160 U	140 U	160 U	
Phenanthrene	100000	--	10000000	UG/KG	750	720	200	320	
Phenol	330	18000000	66000	UG/KG	380 U	200 U	180 U	200 U	
Pyrene	100000	1700000	2200000	UG/KG	770	1200	520	400	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 18	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	200 U	190 U	370 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	200 U	190 U	370 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	200 U	190 U	370 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	200 U	190 U	370 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	120 U	110 U	220 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	180 U	170 U	330 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	200 U	190 U	370 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	910 U	940 U	900 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	200 U	190 U	370 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	200 U	190 U	370 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	200 U	190 U	370 U	
2-Chlorophenol	--	310000	4400	UG/KG	190 U	200 U	190 U	370 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	65 J	240 U	220 U	440 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	200 U	190 U	370 U	
2-Nitroaniline	--	39000	100	UG/KG	190 U	200 U	190 U	370 U	
2-Nitrophenol	--	--	17000	UG/KG	410 U	420 U	400 U	790 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	270 U	280 U	270 U	530 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	200 U	190 U	370 U	
3-Nitroaniline	--	--	91	UG/KG	190 U	200 U	190 U	370 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	490 U	510 U	490 U	950 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	200 U	190 U	370 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	200 U	190 U	370 U	
4-Chloroaniline	--	--	52000	UG/KG	190 U	200 U	190 U	370 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	200 U	190 U	370 U	
4-Nitroaniline	--	--	86	UG/KG	190 U	200 U	190 U	370 U	
4-Nitrophenol	--	--	4100	UG/KG	260 U	280 U	260 U	510 U	
Acenaphthene	20000	3400000	4700000	UG/KG	78 J	160 U	150 U	290 U	
Acenaphthylene	100000	--	6900000	UG/KG	120 J	160 U	150 U	290 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 18	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	190 U	200 U	190 U	370 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	240	73 J	110 U	94 J	
Atrazine	--	210000	130	UG/KG	150 U	160 U	150 U	290 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	260 U	250 U	480 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	730	190	110 U	440	
Benzo(A)Pyrene	1000	200	11000	UG/KG	650	140 J	150 U	400	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	840	200	110 U	560	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	420	94 J	150 U	310	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	300	75 J	110 U	190 J	
Benzoic Acid	--	--	7800000	UG/KG	610 U	640 U	610 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	200 U	190 U	370 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	120 J	200 U	190 U	370 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	430 U	450 U	430 U	840 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	210 U	200 U	400 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	180 U	170 U	330 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	240 U	220 U	440 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	180 J	200 U	190 U	180 J	
Caprolactam	--	31000000	--	UG/KG	190 U	200 U	190 U	370 U	
Carbazole	--	24000	83000	UG/KG	110 J	42 J	190 U	370 U	
Chrysene	1000	62000	230000	UG/KG	720	160	110 U	410	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	120	28 J	110 U	89 J	
Dibenzofuran	7000	--	--	UG/KG	87 J	21 J	190 U	370 U	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	200 U	190 U	370 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	200 U	190 U	370 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	200 U	190 U	370 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	200 U	190 U	370 U	
Fluoranthene	100000	2300000	3200000	UG/KG	1300	380	110 U	720	
Fluorene	30000	2300000	3800000	UG/KG	120 J	26 J	190 U	370 U	
Hexachlorobenzene	330	300	960	UG/KG	110 U	120 U	110 U	220 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	200 U	190 U	370 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 18	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	540 U	560 U	540 U	1000 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	160 U	150 U	290 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	450	100 J	150 U	320	
Isophorone	--	510000	1900	UG/KG	170 U	180 U	170 U	330 U	
Naphthalene	12000	6000	25000	UG/KG	260	25 J	190 U	370 U	
Nitrobenzene	--	31000	2200	UG/KG	170 U	180 U	170 U	330 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	200 U	190 U	370 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	160 U	150 U	290 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	160 U	150 U	290 U	
Phenanthrene	100000	--	10000000	UG/KG	920	320	110 U	270	
Phenol	330	18000000	66000	UG/KG	190 U	200 U	190 U	370 U	
Pyrene	100000	1700000	2200000	UG/KG	1100	290	110 U	630	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	370 U	400 U	380 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	370 U	400 U	380 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	370 U	400 U	380 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	370 U	400 U	380 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	220 U	240 U	230 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	330 U	360 U	340 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	370 U	400 U	380 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	920 U	1800 U	1900 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	370 U	400 U	380 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	370 U	400 U	380 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	370 U	400 U	380 U	
2-Chlorophenol	--	310000	4400	UG/KG	190 U	370 U	400 U	380 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	230 U	88 J	130 J	450 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	370 U	400 U	380 U	
2-Nitroaniline	--	39000	100	UG/KG	190 U	370 U	400 U	380 U	
2-Nitrophenol	--	--	17000	UG/KG	420 U	790 U	860 U	810 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	280 U	530 U	570 U	540 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	370 U	400 U	380 U	
3-Nitroaniline	--	--	91	UG/KG	190 U	370 U	400 U	380 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	500 U	960 U	1000 U	980 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	370 U	400 U	380 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	370 U	400 U	380 U	
4-Chloroaniline	--	--	52000	UG/KG	190 U	370 U	400 U	380 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	370 U	400 U	380 U	
4-Nitroaniline	--	--	86	UG/KG	190 U	370 U	400 U	380 U	
4-Nitrophenol	--	--	4100	UG/KG	270 U	510 U	560 U	530 U	
Acenaphthene	20000	3400000	4700000	UG/KG	27 J	98 J	530	56 J	
Acenaphthylene	100000	--	6900000	UG/KG	150 U	410	610	2000	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	190 U	370 U	400 U	380 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	110 J	500	1900	1400	
Atrazine	--	210000	130	UG/KG	150 U	290 U	320 U	300 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	480 U	530 U	500 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	390	2000	8000	3800	
Benzo(A)Pyrene	1000	200	11000	UG/KG	360	1400	6700	3600	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	440	2100	8400	5400	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	250	860	3900	2600	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	150	760	2400	1700	
Benzoic Acid	--	--	7800000	UG/KG	620 U	1200 U	1300 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	370 U	400 U	380 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	190 U	370 U	400 U	380 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	440 U	840 U	910 U	860 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	400 U	430 U	410 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	330 U	360 U	340 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	440 U	480 U	450 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	190 U	370 U	660	230 J	
Caprolactam	--	31000000	--	UG/KG	190 U	370 U	400 U	380 U	
Carbazole	--	24000	83000	UG/KG	60 J	670	540	720	
Chrysene	1000	62000	230000	UG/KG	360	2100	7500	3400	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	58 J	210 J	980	700	
Dibenzofuran	7000	--	--	UG/KG	22 J	320 J	250 J	92 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	370 U	400 U	380 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	370 U	400 U	380 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	370 U	400 U	380 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	370 U	400 U	380 U	
Fluoranthene	100000	2300000	3200000	UG/KG	670	5100	14000	7800	
Fluorene	30000	2300000	3800000	UG/KG	29 J	180 J	560	160 J	
Hexachlorobenzene	330	300	960	UG/KG	120 U	220 U	240 U	230 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	370 U	400 U	380 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	550 U	1000 U	1100 U	1100 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	290 U	320 U	300 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	260	960	4200	2900	
Isophorone	--	510000	1900	UG/KG	170 U	330 U	360 U	340 U	
Naphthalene	12000	6000	25000	UG/KG	190 U	100 J	340 J	95 J	
Nitrobenzene	--	31000	2200	UG/KG	170 U	330 U	360 U	340 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	370 U	400 U	380 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	290 U	320 U	300 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	290 U	320 U	300 U	
Phenanthrene	100000	--	10000000	UG/KG	430	5400	6900	3100	
Phenol	330	18000000	66000	UG/KG	190 U	370 U	400 U	380 U	
Pyrene	100000	1700000	2200000	UG/KG	620	4000	14000	5800	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	200 U	190 U	210 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	200 U	200 U	190 U	210 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	200 U	190 U	210 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	200 U	200 U	190 U	210 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	120 U	120 U	130 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	180 U	180 U	170 U	190 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	200 U	200 U	190 U	210 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	950 U	940 U	920 U	1000 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	200 U	200 U	190 U	210 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	200 U	200 U	190 U	210 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	200 U	190 U	210 U	
2-Chlorophenol	--	310000	4400	UG/KG	200 U	200 U	190 U	210 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	160 J	260	200 J	51 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	200 U	200 U	190 U	210 U	
2-Nitroaniline	--	39000	100	UG/KG	200 U	200 U	190 U	210 U	
2-Nitrophenol	--	--	17000	UG/KG	420 U	420 U	420 U	450 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	50 J	95 J	91 J	300 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	200 U	200 U	190 U	210 U	
3-Nitroaniline	--	--	91	UG/KG	200 U	200 U	190 U	210 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	510 U	510 U	500 U	550 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	190 U	210 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	200 U	190 U	210 U	
4-Chloroaniline	--	--	52000	UG/KG	200 U	200 U	190 U	210 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	200 U	190 U	210 U	
4-Nitroaniline	--	--	86	UG/KG	200 U	200 U	190 U	210 U	
4-Nitrophenol	--	--	4100	UG/KG	280 U	280 U	270 U	290 U	
Acenaphthene	20000	3400000	4700000	UG/KG	90 J	160	180	110 J	
Acenaphthylene	100000	--	6900000	UG/KG	1400	2000	3500	780	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	200 U	200 U	31 J	210 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	1000	1800	2600	730	
Atrazine	--	210000	130	UG/KG	160 U	160 U	150 U	170 U	
Benzaldehyde	--	6100000	--	UG/KG	260 U	130 J	250 U	280 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	3400	5800	9300	2300	
Benzo(A)Pyrene	1000	200	11000	UG/KG	3100	5300	9700	2200	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	4500	7500	13000	3200	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	2200	3700	5800	1500	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	1300	2400	3400	880	
Benzoic Acid	--	--	7800000	UG/KG	640 U	640 U	620 U	290 J	
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	200 U	190 U	210 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	240	200 U	190 U	140 J	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	450 U	78 J	63 J	480 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	210 U	210 U	230 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	180 U	180 U	170 U	190 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	240 U	240 U	230 U	250 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	110 J	1400	84 J	300	
Caprolactam	--	31000000	--	UG/KG	200 U	200 U	190 U	210 U	
Carbazole	--	24000	83000	UG/KG	560	950	1200	350	
Chrysene	1000	62000	230000	UG/KG	3100	5600	8900	2100	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	560	840	1500	400	
Dibenzofuran	7000	--	--	UG/KG	210	370	340	100 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	200 U	200 U	190 U	210 U	
Dimethyl Phthalate	--	--	--	UG/KG	200 U	200 U	190 U	210 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	110 J	200 U	190 U	210 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	200 U	200 U	190 U	210 U	
Fluoranthene	100000	2300000	3200000	UG/KG	6900	9800	17000	4300	
Fluorene	30000	2300000	3800000	UG/KG	300	500	580	130 J	
Hexachlorobenzene	330	300	960	UG/KG	120 U	120 U	120 U	130 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	200 U	200 U	190 U	210 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	560 U	560 U	550 U	600 U	
Hexachloroethane	--	35000	560	UG/KG	160 U	160 U	150 U	170 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	2500	4000	6500	1600	
Isophorone	--	510000	1900	UG/KG	180 U	180 U	170 U	190 U	
Naphthalene	12000	6000	25000	UG/KG	420	730	460	91 J	
Nitrobenzene	--	31000	2200	UG/KG	180 U	180 U	170 U	190 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	200 U	200 U	190 U	210 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	160 U	160 U	150 U	170 U	
Pentachlorophenol	800	3000	5000	UG/KG	160 U	160 U	150 U	170 U	
Phenanthrene	100000	--	10000000	UG/KG	3500	6600	7700	2100	
Phenol	330	18000000	66000	UG/KG	200 U	63 J	57 J	210 U	
Pyrene	100000	1700000	2200000	UG/KG	5200	7600	13000	3500	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	210 U	200 U	200 U	180 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	210 U	200 U	200 U	180 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	210 U	200 U	200 U	180 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	210 U	200 U	200 U	180 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	120 U	120 U	110 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	190 U	180 U	180 U	160 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	210 U	200 U	200 U	180 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	1000 U	940 U	960 U	880 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	210 U	200 U	200 U	180 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	210 U	200 U	200 U	180 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	210 U	200 U	200 U	180 U	
2-Chlorophenol	--	310000	4400	UG/KG	210 U	200 U	200 U	180 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	680	330	29 J	32 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	39 J	33 J	200 U	180 U	
2-Nitroaniline	--	39000	100	UG/KG	210 U	200 U	200 U	180 U	
2-Nitrophenol	--	--	17000	UG/KG	450 U	420 U	430 U	400 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	160 J	130 J	290 U	71 J	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	210 U	200 U	200 U	180 U	
3-Nitroaniline	--	--	91	UG/KG	210 U	200 U	200 U	180 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	540 U	510 U	520 U	480 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	210 U	200 U	200 U	180 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	210 U	200 U	200 U	180 U	
4-Chloroaniline	--	--	52000	UG/KG	210 U	200 U	200 U	180 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	210 U	200 U	200 U	180 U	
4-Nitroaniline	--	--	86	UG/KG	210 U	200 U	200 U	180 U	
4-Nitrophenol	--	--	4100	UG/KG	290 U	280 U	280 U	260 U	
Acenaphthene	20000	3400000	4700000	UG/KG	400	240	25 J	55 J	
Acenaphthylene	100000	--	6900000	UG/KG	3100	3200	250	2100	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	56 J	200 U	200 U	180 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	2500	2200	200	1400	
Atrazine	--	210000	130	UG/KG	170 U	160 U	160 U	150 U	
Benzaldehyde	--	6100000	--	UG/KG	280 U	260 U	260 U	70 J	
Benzo(A)Anthracene	1000	600	110000	UG/KG	8000	7300	710	3800	
Benzo(A)Pyrene	1000	200	11000	UG/KG	7500	7400	600	3900	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	10000	9900	830	5600	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	4800	4800	370	2900	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	3200	3300	320	2000	
Benzoic Acid	--	--	7800000	UG/KG	680 U	640 U	650 U	600 U	
Benzyl Alcohol	--	--	1100000	UG/KG	210 U	200 U	200 U	180 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	190 J	150 J	200 U	160 J	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	200 J	90 J	460 U	420 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	220 U	210 U	220 U	200 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	190 U	180 U	180 U	160 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	250 U	240 U	240 U	220 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	200 J	200 U	74 J	140 J	
Caprolactam	--	31000000	--	UG/KG	210 U	200 U	200 U	180 U	
Carbazole	--	24000	83000	UG/KG	1400	1200	110 J	760	
Chrysene	1000	62000	230000	UG/KG	7300	7100	650	3600	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	1400	1500	110 J	770	
Dibenzofuran	7000	--	--	UG/KG	840	470	47 J	100 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	210 U	200 U	200 U	180 U	
Dimethyl Phthalate	--	--	--	UG/KG	210 U	200 U	200 U	180 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	210 U	200 U	200 U	180 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	210 U	200 U	200 U	180 U	
Fluoranthene	100000	2300000	3200000	UG/KG	15000	14000	1400	7000	
Fluorene	30000	2300000	3800000	UG/KG	1100	830	84 J	180	
Hexachlorobenzene	330	300	960	UG/KG	120 U	120 U	120 U	110 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	210 U	200 U	200 U	180 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	600 U	560 U	580 U	530 U	
Hexachloroethane	--	35000	560	UG/KG	170 U	160 U	160 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	5600	5600	420	3200	
Isophorone	--	510000	1900	UG/KG	190 U	180 U	180 U	160 U	
Naphthalene	12000	6000	25000	UG/KG	1600	790	60 J	82 J	
Nitrobenzene	--	31000	2200	UG/KG	190 U	180 U	180 U	160 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	210 U	200 U	200 U	180 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	170 U	160 U	160 U	150 U	
Pentachlorophenol	800	3000	5000	UG/KG	170 U	160 U	160 U	150 U	
Phenanthrene	100000	--	10000000	UG/KG	9800	7100	780	2600	
Phenol	330	18000000	66000	UG/KG	89 J	98 J	200 U	32 J	
Pyrene	100000	1700000	2200000	UG/KG	11000	10000	1000	5300	

J - Estimated value

NA - Not analyzed

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

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-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	190 U	200 U	350 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	200 U	190 U	200 U	350 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	190 U	200 U	350 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	200 U	190 U	200 U	350 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	110 U	120 U	210 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	180 U	170 U	180 U	320 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	79 J	190 U	200 U	350 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	960 U	900 U	980 U	1700 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	200 U	190 U	200 U	350 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	200 U	190 U	200 U	350 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	190 U	200 U	350 U	
2-Chlorophenol	--	310000	4400	UG/KG	200 U	190 U	200 U	350 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	610	180 J	240 U	63 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	53 J	190 U	200 U	350 U	
2-Nitroaniline	--	39000	100	UG/KG	200 U	190 U	200 U	350 U	
2-Nitrophenol	--	--	17000	UG/KG	430 U	400 U	440 U	760 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	220 J	56 J	290 U	500 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	200 U	190 U	200 U	350 U	
3-Nitroaniline	--	--	91	UG/KG	200 U	190 U	200 U	350 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	520 U	490 U	530 U	910 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	190 U	200 U	350 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	190 U	200 U	350 U	
4-Chloroaniline	--	--	52000	UG/KG	200 U	190 U	200 U	350 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	190 U	200 U	350 U	
4-Nitroaniline	--	--	86	UG/KG	200 U	190 U	200 U	350 U	
4-Nitrophenol	--	--	4100	UG/KG	280 U	260 U	280 U	490 U	
Acenaphthene	20000	3400000	4700000	UG/KG	410	120 J	160 U	180 J	
Acenaphthylene	100000	--	6900000	UG/KG	4200	1200	34 J	410	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	200 U	190 U	200 U	350 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	4000	910	120 U	1100	
Atrazine	--	210000	130	UG/KG	160 U	150 U	160 U	280 U	
Benzaldehyde	--	6100000	--	UG/KG	280	61 J	270 U	460 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	9500	3000	72 J	3400	
Benzo(A)Pyrene	1000	200	11000	UG/KG	9800	2900	70 J	2500	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	13000	3800	88 J	3600	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	7900	2100	55 J	1600	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	2900	1400	120 U	1300	
Benzoic Acid	--	--	7800000	UG/KG	650 U	610 U	660 U	1100 U	
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	190 U	200 U	350 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	200 U	190 U	200 U	350 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	160 J	51 J	460 U	800 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	220 U	200 U	220 U	380 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	180 U	170 U	180 U	320 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	240 U	220 U	240 U	420 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	90 J	190 U	200 U	350 U	
Caprolactam	--	31000000	--	UG/KG	200 U	190 U	200 U	350 U	
Carbazole	--	24000	83000	UG/KG	1900	520	200 U	320 J	
Chrysene	1000	62000	230000	UG/KG	8400	3000	63 J	3100	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	2100	580	120 U	440	
Dibenzofuran	7000	--	--	UG/KG	840	250	200 U	160 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	200 U	190 U	200 U	350 U	
Dimethyl Phthalate	--	--	--	UG/KG	200 U	190 U	200 U	350 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	200 U	190 U	200 U	350 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	200 U	190 U	200 U	350 U	
Fluoranthene	100000	2300000	3200000	UG/KG	17000	5900	120	5900	
Fluorene	30000	2300000	3800000	UG/KG	1300	410	200 U	250 J	
Hexachlorobenzene	330	300	960	UG/KG	120 U	110 U	120 U	210 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	200 U	190 U	200 U	350 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	570 U	540 U	580 U	1000 U	
Hexachloroethane	--	35000	560	UG/KG	160 U	150 U	160 U	280 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	6300	2400	62 J	1700	
Isophorone	--	510000	1900	UG/KG	180 U	170 U	180 U	320 U	
Naphthalene	12000	6000	25000	UG/KG	1300	430	200 U	110 J	
Nitrobenzene	--	31000	2200	UG/KG	180 U	170 U	180 U	320 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	200 U	190 U	200 U	350 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	160 U	150 U	160 U	280 U	
Pentachlorophenol	800	3000	5000	UG/KG	160 U	150 U	160 U	280 U	
Phenanthrene	100000	--	10000000	UG/KG	10000	3600	75 J	3800	
Phenol	330	18000000	66000	UG/KG	110 J	190 U	200 U	350 U	
Pyrene	100000	1700000	2200000	UG/KG	14000	4500	94 J	5100	

J - Estimated value

NA - Not analyzed

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	750 U	180 U	210 U	380 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	750 U	180 U	210 U	380 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	750 U	180 U	210 U	380 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	750 U	180 U	210 U	380 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	450 U	100 U	120 U	230 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	680 U	160 U	190 U	350 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	750 U	180 U	210 U	380 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	3600 U	840 U	1000 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	750 U	180 U	210 U	380 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	750 U	180 U	210 U	380 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	750 U	180 U	210 U	380 U	
2-Chlorophenol	--	310000	4400	UG/KG	750 U	180 U	210 U	380 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	920	210 U	250 U	460 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	750 U	180 U	210 U	380 U	
2-Nitroaniline	--	39000	100	UG/KG	750 U	180 U	210 U	380 U	
2-Nitrophenol	--	--	17000	UG/KG	1600 U	380 U	450 U	830 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	170 J	250 U	300 U	550 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	750 U	180 U	210 U	380 U	
3-Nitroaniline	--	--	91	UG/KG	750 U	180 U	210 U	380 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	2000 U	460 U	540 U	1000 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	750 U	180 U	210 U	380 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	750 U	180 U	210 U	380 U	
4-Chloroaniline	--	--	52000	UG/KG	750 U	180 U	210 U	380 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	750 U	180 U	210 U	380 U	
4-Nitroaniline	--	--	86	UG/KG	750 U	180 U	210 U	380 U	
4-Nitrophenol	--	--	4100	UG/KG	1000 U	250 U	290 U	540 U	
Acenaphthene	20000	3400000	4700000	UG/KG	4100	140 U	160 U	310 U	
Acenaphthylene	100000	--	6900000	UG/KG	3800	140 U	160 U	140 J	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	750 U	180 U	210 U	380 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	15000	100 U	120 U	130 J	
Atrazine	--	210000	130	UG/KG	600 U	140 U	160 U	310 U	
Benzaldehyde	--	6100000	--	UG/KG	990 U	230 U	270 U	510 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	26000	100 U	29 J	410	
Benzo(A)Pyrene	1000	200	11000	UG/KG	20000	140 U	160 U	480	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	24000	100 U	120 U	620	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	8900	140 U	160 U	380	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	9200	100 U	120 U	200 J	
Benzoic Acid	--	--	7800000	UG/KG	2400 U	570 U	670 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	750 U	180 U	210 U	380 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	750 U	180 U	210 U	380 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	450 J	400 U	470 U	880 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	810 U	190 U	220 U	420 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	680 U	160 U	190 U	350 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	900 U	210 U	250 U	460 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	750 U	180 U	72 J	380 U	
Caprolactam	--	31000000	--	UG/KG	750 U	180 U	210 U	380 U	
Carbazole	--	24000	83000	UG/KG	3200	180 U	210 U	380 U	
Chrysene	1000	62000	230000	UG/KG	22000	100 U	22 J	360	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	2900	100 U	120 U	95 J	
Dibenzofuran	7000	--	--	UG/KG	3400	180 U	210 U	380 U	
Diethyl Phthalate	--	49000000	160000	UG/KG	750 U	180 U	210 U	380 U	
Dimethyl Phthalate	--	--	--	UG/KG	750 U	180 U	210 U	380 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	750 U	180 U	210 U	380 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	750 U	180 U	210 U	380 U	
Fluoranthene	100000	2300000	3200000	UG/KG	63000	100 U	56 J	640	
Fluorene	30000	2300000	3800000	UG/KG	5600	180 U	210 U	380 U	
Hexachlorobenzene	330	300	960	UG/KG	450 U	100 U	120 U	230 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	750 U	180 U	210 U	380 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	2100 U	500 U	590 U	1100 U	
Hexachloroethane	--	35000	560	UG/KG	600 U	140 U	160 U	310 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	11000	140 U	160 U	380	
Isophorone	--	510000	1900	UG/KG	680 U	160 U	190 U	350 U	
Naphthalene	12000	6000	25000	UG/KG	1200	180 U	210 U	380 U	
Nitrobenzene	--	31000	2200	UG/KG	680 U	160 U	190 U	350 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	750 U	180 U	210 U	380 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	600 U	140 U	160 U	310 U	
Pentachlorophenol	800	3000	5000	UG/KG	600 U	140 U	160 U	310 U	
Phenanthrene	100000	--	10000000	UG/KG	48000	100 U	39 J	200 J	
Phenol	330	18000000	66000	UG/KG	750 U	180 U	210 U	380 U	
Pyrene	100000	1700000	2200000	UG/KG	52000	100 U	49 J	560	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	180 U	210 U	180 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	180 U	180 U	210 U	180 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	180 U	210 U	180 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	180 U	180 U	210 U	180 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	110 U	120 U	110 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	160 U	160 U	190 U	170 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	180 U	180 U	210 U	180 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	870 U	870 U	1000 U	890 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	180 U	180 U	210 U	180 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	180 U	180 U	210 U	180 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	180 U	210 U	180 U	
2-Chlorophenol	--	310000	4400	UG/KG	180 U	180 U	210 U	180 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	220 U	93 J	250 U	33 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	180 U	180 U	210 U	180 U	
2-Nitroaniline	--	39000	100	UG/KG	180 U	180 U	210 U	180 U	
2-Nitrophenol	--	--	17000	UG/KG	390 U	390 U	450 U	400 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	260 U	260 U	300 U	270 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	180 U	180 U	210 U	180 U	
3-Nitroaniline	--	--	91	UG/KG	180 U	180 U	210 U	180 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	470 U	470 U	540 U	480 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	210 U	180 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	180 U	210 U	180 U	
4-Chloroaniline	--	--	52000	UG/KG	180 U	180 U	210 U	180 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	210 U	180 U	
4-Nitroaniline	--	--	86	UG/KG	180 U	180 U	210 U	180 U	
4-Nitrophenol	--	--	4100	UG/KG	250 U	250 U	290 U	260 U	
Acenaphthene	20000	3400000	4700000	UG/KG	140 U	470	170 U	150 U	
Acenaphthylene	100000	--	6900000	UG/KG	31 J	40 J	170 U	430	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	180 U	180 U	210 U	180 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	38 J	1100	120 U	400	
Atrazine	--	210000	130	UG/KG	140 U	140 U	170 U	150 U	
Benzaldehyde	--	6100000	--	UG/KG	240 U	240 U	280 U	56 J	
Benzo(A)Anthracene	1000	600	110000	UG/KG	120	1700	120 U	1400	
Benzo(A)Pyrene	1000	200	11000	UG/KG	130 J	1200	170 U	1700	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	190	1700	120 U	2300	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	100 J	700	170 U	1300	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	57 J	480	120 U	660	
Benzoic Acid	--	--	7800000	UG/KG	580 U	590 U	680 U	600 U	
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	180 U	210 U	180 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	180 U	180 U	210 U	1800	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	410 U	410 U	480 U	420 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	220 U	200 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	160 U	160 U	190 U	170 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	220 U	220 U	250 U	220 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	180 U	180 U	210 U	700	
Caprolactam	--	31000000	--	UG/KG	180 U	180 U	210 U	180 U	
Carbazole	--	24000	83000	UG/KG	180 U	360	210 U	81 J	
Chrysene	1000	62000	230000	UG/KG	120	1500	120 U	1300	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	110 U	220	120 U	310	
Dibenzofuran	7000	--	--	UG/KG	180 U	280	210 U	34 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	180 U	180 U	210 U	180 U	
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	210 U	180 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	180 U	180 U	210 U	58 J	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	180 U	180 U	210 U	180 U	
Fluoranthene	100000	2300000	3200000	UG/KG	210	3900	120 U	2200	
Fluorene	30000	2300000	3800000	UG/KG	180 U	480	210 U	69 J	
Hexachlorobenzene	330	300	960	UG/KG	110 U	110 U	120 U	110 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	180 U	180 U	210 U	180 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	520 U	520 U	600 U	530 U	
Hexachloroethane	--	35000	560	UG/KG	140 U	140 U	170 U	150 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	100 J	780	170 U	1300	
Isophorone	--	510000	1900	UG/KG	66 J	160 U	190 U	170 U	
Naphthalene	12000	6000	25000	UG/KG	180 U	81 J	210 U	75 J	
Nitrobenzene	--	31000	2200	UG/KG	160 U	160 U	190 U	170 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	180 U	180 U	210 U	180 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	140 U	140 U	170 U	150 U	
Pentachlorophenol	800	3000	5000	UG/KG	140 U	140 U	170 U	150 U	
Phenanthrene	100000	--	10000000	UG/KG	100 J	4100	120 U	600	
Phenol	330	18000000	66000	UG/KG	180 U	180 U	210 U	180 U	
Pyrene	100000	1700000	2200000	UG/KG	180	3200	120 U	2000	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	180 U	200 U	1900 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	180 U	200 U	1900 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	180 U	200 U	1900 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	180 U	200 U	1900 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	110 U	120 U	1100 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	160 U	180 U	1700 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	180 U	200 U	1900 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	900 U	880 U	970 U	9000 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	180 U	200 U	1900 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	180 U	200 U	1900 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	180 U	200 U	1900 U	
2-Chlorophenol	--	310000	4400	UG/KG	190 U	180 U	200 U	1900 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	58 J	220 U	240 U	2200 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	180 U	200 U	1900 U	
2-Nitroaniline	--	39000	100	UG/KG	190 U	180 U	200 U	1900 U	
2-Nitrophenol	--	--	17000	UG/KG	410 U	390 U	430 U	4000 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	270 U	260 U	290 U	2700 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	180 U	200 U	1900 U	
3-Nitroaniline	--	--	91	UG/KG	190 U	180 U	200 U	1900 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	490 U	470 U	520 U	4900 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	180 U	200 U	1900 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	180 U	200 U	1900 U	
4-Chloroaniline	--	--	52000	UG/KG	190 U	180 U	200 U	1900 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	180 U	200 U	1900 U	
4-Nitroaniline	--	--	86	UG/KG	190 U	180 U	200 U	1900 U	
4-Nitrophenol	--	--	4100	UG/KG	260 U	260 U	280 U	2600 U	
Acenaphthene	20000	3400000	4700000	UG/KG	140 J	150 U	160 U	1500 U	
Acenaphthylene	100000	--	6900000	UG/KG	150	30 J	160 U	1500 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	29 J	180 U	200 U	1900 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	590	48 J	120 U	370 J	
Atrazine	--	210000	130	UG/KG	150 U	150 U	160 U	1500 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	240 U	260 U	2500 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	1400	180	34 J	1500	
Benzo(A)Pyrene	1000	200	11000	UG/KG	1200	190	160 U	1300 J	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	1600	250	46 J	1800	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	700	150	29 J	770 J	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	570	92 J	120 U	620 J	
Benzoic Acid	--	--	7800000	UG/KG	610 U	280 J	370 J	6100 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	180 U	200 U	1900 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	190 U	180 U	200 U	1900 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	430 U	420 U	460 U	4300 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	200 U	220 U	2000 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	160 U	180 U	1700 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	220 U	240 U	2200 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	190 U	180 U	200 U	1900 U	
Caprolactam	--	31000000	--	UG/KG	190 U	180 U	200 U	1900 U	
Carbazole	--	24000	83000	UG/KG	100 J	180 U	200 U	1900 U	
Chrysene	1000	62000	230000	UG/KG	1300	170	29 J	1500	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	230	38 J	120 U	220 J	
Dibenzofuran	7000	--	--	UG/KG	120 J	180 U	200 U	1900 U	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	180 U	200 U	1900 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	180 U	200 U	1900 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	180 U	200 U	1900 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	180 U	200 U	1900 U	
Fluoranthene	100000	2300000	3200000	UG/KG	3200	300	59 J	2700	
Fluorene	30000	2300000	3800000	UG/KG	190	180 U	200 U	1900 U	
Hexachlorobenzene	330	300	960	UG/KG	110 U	110 U	120 U	1100 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	180 U	200 U	1900 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	540 U	520 U	580 U	5400 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	150 U	160 U	1500 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	760	150	29 J	860 J	
Isophorone	--	510000	1900	UG/KG	170 U	160 U	180 U	1700 U	
Naphthalene	12000	6000	25000	UG/KG	54 J	180 U	200 U	1900 U	
Nitrobenzene	--	31000	2200	UG/KG	170 U	160 U	180 U	1700 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	180 U	200 U	1900 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	150 U	160 U	1500 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	150 U	160 U	1500 U	
Phenanthrene	100000	--	10000000	UG/KG	2100	110	25 J	1700	
Phenol	330	18000000	66000	UG/KG	190 U	180 U	200 U	1900 U	
Pyrene	100000	1700000	2200000	UG/KG	2500	260	50 J	2500	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	190 U	190 U	220 U	960 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	190 U	190 U	220 U	960 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	190 U	190 U	220 U	960 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	190 U	190 U	220 U	960 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	110 U	130 U	580 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	170 U	170 U	190 U	860 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	190 U	190 U	220 U	960 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	920 U	910 U	1000 U	4600 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	190 U	190 U	220 U	960 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	190 U	190 U	220 U	960 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	190 U	190 U	220 U	960 U	
2-Chlorophenol	--	310000	4400	UG/KG	190 U	190 U	220 U	960 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	230 U	230 U	260 U	120 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	190 U	190 U	220 U	960 U	
2-Nitroaniline	--	39000	100	UG/KG	190 U	190 U	220 U	960 U	
2-Nitrophenol	--	--	17000	UG/KG	410 U	410 U	460 U	2100 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	280 U	270 U	310 U	1400 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	190 U	190 U	220 U	960 U	
3-Nitroaniline	--	--	91	UG/KG	190 U	190 U	220 U	960 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	500 U	500 U	560 U	2500 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	220 U	960 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	190 U	190 U	220 U	960 U	
4-Chloroaniline	--	--	52000	UG/KG	190 U	190 U	220 U	960 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	190 U	190 U	220 U	960 U	
4-Nitroaniline	--	--	86	UG/KG	190 U	190 U	220 U	960 U	
4-Nitrophenol	--	--	4100	UG/KG	270 U	270 U	300 U	1300 U	
Acenaphthene	20000	3400000	4700000	UG/KG	150 U	150 U	170 U	290 J	
Acenaphthylene	100000	--	6900000	UG/KG	150 U	150 U	170 U	1300	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	190 U	190 U	220 U	960 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	120 U	110 U	130 U	1800	
Atrazine	--	210000	130	UG/KG	150 U	150 U	170 U	770 U	
Benzaldehyde	--	6100000	--	UG/KG	250 U	250 U	280 U	1300 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	34 J	110 U	130 U	8600	
Benzo(A)Pyrene	1000	200	11000	UG/KG	150 U	150 U	170 U	7300	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	120 U	110 U	130 U	10000	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	150 U	150 U	170 U	4400	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	120 U	110 U	130 U	3700	
Benzoic Acid	--	--	7800000	UG/KG	620 U	620 U	700 U	3100 U	
Benzyl Alcohol	--	--	1100000	UG/KG	190 U	190 U	220 U	960 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	190 U	190 U	220 U	350 J	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	440 U	430 U	490 U	2200 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	200 U	230 U	1000 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	170 U	170 U	190 U	860 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	230 U	230 U	260 U	1200 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	190 U	190 U	220 U	1200	
Caprolactam	--	31000000	--	UG/KG	190 U	190 U	220 U	960 U	
Carbazole	--	24000	83000	UG/KG	190 U	190 U	220 U	720 J	
Chrysene	1000	62000	230000	UG/KG	29 J	110 U	130 U	8800	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	120 U	110 U	130 U	1100	
Dibenzofuran	7000	--	--	UG/KG	18 J	190 U	220 U	330 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	190 U	190 U	220 U	960 U	
Dimethyl Phthalate	--	--	--	UG/KG	190 U	190 U	220 U	960 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	190 U	190 U	220 U	960 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	190 U	190 U	220 U	960 U	
Fluoranthene	100000	2300000	3200000	UG/KG	77 J	110 U	130 U	15000	
Fluorene	30000	2300000	3800000	UG/KG	22 J	190 U	220 U	440 J	
Hexachlorobenzene	330	300	960	UG/KG	120 U	110 U	130 U	580 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	190 U	190 U	220 U	960 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	550 U	540 U	620 U	2700 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	150 U	170 U	770 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	150 U	150 U	170 U	4800	
Isophorone	--	510000	1900	UG/KG	170 U	170 U	190 U	860 U	
Naphthalene	12000	6000	25000	UG/KG	60 J	190 U	220 U	270 J	
Nitrobenzene	--	31000	2200	UG/KG	170 U	170 U	190 U	860 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	190 U	190 U	220 U	960 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	150 U	170 U	770 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	150 U	170 U	770 U	
Phenanthrene	100000	--	10000000	UG/KG	110 J	110 U	130 U	9500	
Phenol	330	18000000	66000	UG/KG	190 U	190 U	220 U	960 U	
Pyrene	100000	1700000	2200000	UG/KG	62 J	110 U	130 U	15000	

J - Estimated value

NA - Not analyzed

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	170 U	190 U	370 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	180 U	170 U	190 U	370 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	170 U	190 U	370 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	180 U	170 U	190 U	370 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	100 U	100 U	110 U	220 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	160 U	160 U	170 U	340 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	180 U	170 U	190 U	370 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	840 U	840 U	910 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	180 U	170 U	190 U	370 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	180 U	170 U	190 U	370 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	170 U	190 U	370 U	
2-Chlorophenol	--	310000	4400	UG/KG	180 U	170 U	190 U	370 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	210 U	210 U	230 U	120 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	180 U	170 U	190 U	370 U	
2-Nitroaniline	--	39000	100	UG/KG	180 U	170 U	190 U	370 U	
2-Nitrophenol	--	--	17000	UG/KG	380 U	380 U	410 U	810 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	250 U	250 U	270 U	540 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	180 U	170 U	190 U	370 U	
3-Nitroaniline	--	--	91	UG/KG	180 U	170 U	190 U	370 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	460 U	450 U	490 U	970 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	170 U	190 U	370 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	170 U	190 U	370 U	
4-Chloroaniline	--	--	52000	UG/KG	180 U	170 U	190 U	370 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	170 U	190 U	370 U	
4-Nitroaniline	--	--	86	UG/KG	180 U	170 U	190 U	370 U	
4-Nitrophenol	--	--	4100	UG/KG	240 U	240 U	260 U	520 U	
Acenaphthene	20000	3400000	4700000	UG/KG	140 U	140 U	150 U	150 J	
Acenaphthylene	100000	--	6900000	UG/KG	140 U	31 J	150 U	730	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	180 U	170 U	190 U	370 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	100 U	100 U	110 U	1000	
Atrazine	--	210000	130	UG/KG	140 U	140 U	150 U	300 U	
Benzaldehyde	--	6100000	--	UG/KG	230 U	230 U	250 U	490 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	100 U	100	110 U	2800	
Benzo(A)Pyrene	1000	200	11000	UG/KG	140 U	110 J	150 U	3100	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	100 U	150	110 U	4200	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	140 U	79 J	150 U	2200	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	100 U	54 J	110 U	1200	
Benzoic Acid	--	--	7800000	UG/KG	570 U	560 U	610 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	170 U	190 U	370 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	180 U	510	190 U	370 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	400 U	400 U	430 U	850 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	190 U	190 U	200 U	400 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	160 U	160 U	170 U	340 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	210 U	210 U	230 U	450 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	83 J	68 J	190 U	370 U	
Caprolactam	--	31000000	--	UG/KG	180 U	170 U	190 U	370 U	
Carbazole	--	24000	83000	UG/KG	180 U	170 U	190 U	260 J	
Chrysene	1000	62000	230000	UG/KG	18 J	100	110 U	2600	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	100 U	22 J	110 U	560	
Dibenzofuran	7000	--	--	UG/KG	180 U	170 U	190 U	140 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	180 U	170 U	190 U	370 U	
Dimethyl Phthalate	--	--	--	UG/KG	180 U	170 U	190 U	370 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	180 U	170 U	190 U	370 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	180 U	170 U	190 U	370 U	
Fluoranthene	100000	2300000	3200000	UG/KG	33 J	220	110 U	5400	
Fluorene	30000	2300000	3800000	UG/KG	180 U	170 U	190 U	270 J	
Hexachlorobenzene	330	300	960	UG/KG	100 U	100 U	110 U	220 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	180 U	170 U	190 U	370 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	500 U	500 U	540 U	1100 U	
Hexachloroethane	--	35000	560	UG/KG	140 U	140 U	150 U	300 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	140 U	84 J	150 U	2200	
Isophorone	--	510000	1900	UG/KG	160 U	160 U	170 U	340 U	
Naphthalene	12000	6000	25000	UG/KG	180 U	170 U	190 U	230 J	
Nitrobenzene	--	31000	2200	UG/KG	160 U	160 U	170 U	340 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	180 U	170 U	190 U	370 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	140 U	140 U	150 U	300 U	
Pentachlorophenol	800	3000	5000	UG/KG	140 U	140 U	150 U	300 U	
Phenanthrene	100000	--	10000000	UG/KG	100 U	90 J	110 U	2500	
Phenol	330	18000000	66000	UG/KG	180 U	170 U	190 U	370 U	
Pyrene	100000	1700000	2200000	UG/KG	28 J	190	110 U	4500	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	200 U	210 U	220 U	370 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	200 U	210 U	220 U	370 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	200 U	210 U	220 U	370 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	200 U	210 U	220 U	370 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	120 U	130 U	130 U	220 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	180 U	190 U	190 U	330 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	200 U	210 U	220 U	370 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	950 U	1000 U	1000 U	1800 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	200 U	210 U	220 U	370 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	200 U	210 U	220 U	370 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	200 U	210 U	220 U	370 U	
2-Chlorophenol	--	310000	4400	UG/KG	200 U	210 U	220 U	370 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	240 U	260 U	260 U	110 J	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	200 U	210 U	220 U	370 U	
2-Nitroaniline	--	39000	100	UG/KG	200 U	210 U	220 U	370 U	
2-Nitrophenol	--	--	17000	UG/KG	430 U	460 U	460 U	790 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	280 U	310 U	310 U	530 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	200 U	210 U	220 U	370 U	
3-Nitroaniline	--	--	91	UG/KG	200 U	210 U	220 U	370 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	510 U	550 U	560 U	950 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	200 U	210 U	220 U	370 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	200 U	210 U	220 U	370 U	
4-Chloroaniline	--	--	52000	UG/KG	200 U	210 U	220 U	370 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	200 U	210 U	220 U	370 U	
4-Nitroaniline	--	--	86	UG/KG	200 U	210 U	220 U	370 U	
4-Nitrophenol	--	--	4100	UG/KG	280 U	300 U	300 U	510 U	
Acenaphthene	20000	3400000	4700000	UG/KG	160 U	170 U	170 U	320	
Acenaphthylene	100000	--	6900000	UG/KG	160 U	170 U	170 U	380	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	30 J	210 U	220 U	370 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	46 J	130 U	130 U	1100	
Atrazine	--	210000	130	UG/KG	160 U	170 U	170 U	290 U	
Benzaldehyde	--	6100000	--	UG/KG	260 U	280 U	280 U	480 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	110 J	130 U	130 U	3600	
Benzo(A)Pyrene	1000	200	11000	UG/KG	91 J	170 U	170 U	2900	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	120	130 U	130 U	3800	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	49 J	170 U	170 U	1700	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	41 J	130 U	130 U	1400	
Benzoic Acid	--	--	7800000	UG/KG	400 J	690 U	700 U	1200 U	
Benzyl Alcohol	--	--	1100000	UG/KG	200 U	210 U	220 U	370 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	200 U	210 U	220 U	370 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	450 U	480 U	490 U	840 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	210 U	230 U	230 U	400 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	180 U	190 U	190 U	330 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	240 U	260 U	260 U	440 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	200 U	210 U	220 U	370 U	
Caprolactam	--	31000000	--	UG/KG	200 U	210 U	220 U	370 U	
Carbazole	--	24000	83000	UG/KG	29 J	210 U	220 U	520	
Chrysene	1000	62000	230000	UG/KG	100 J	130 U	130 U	3600	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	120 U	130 U	130 U	460	
Dibenzofuran	7000	--	--	UG/KG	200 U	210 U	220 U	270 J	
Diethyl Phthalate	--	49000000	160000	UG/KG	200 U	210 U	220 U	370 U	
Dimethyl Phthalate	--	--	--	UG/KG	200 U	210 U	220 U	370 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	200 U	210 U	220 U	370 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	200 U	210 U	220 U	370 U	
Fluoranthene	100000	2300000	3200000	UG/KG	240	130 U	130 U	6700	
Fluorene	30000	2300000	3800000	UG/KG	23 J	210 U	220 U	320 J	
Hexachlorobenzene	330	300	960	UG/KG	120 U	130 U	130 U	220 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	200 U	210 U	220 U	370 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	560 U	610 U	620 U	1000 U	
Hexachloroethane	--	35000	560	UG/KG	160 U	170 U	170 U	290 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	62 J	170 U	170 U	1800	
Isophorone	--	510000	1900	UG/KG	180 U	190 U	190 U	330 U	
Naphthalene	12000	6000	25000	UG/KG	200 U	210 U	220 U	200 J	
Nitrobenzene	--	31000	2200	UG/KG	180 U	190 U	190 U	330 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	200 U	210 U	220 U	370 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	160 U	170 U	170 U	290 U	
Pentachlorophenol	800	3000	5000	UG/KG	160 U	170 U	170 U	290 U	
Phenanthrene	100000	--	10000000	UG/KG	200	130 U	130 U	4800	
Phenol	330	18000000	66000	UG/KG	200 U	210 U	220 U	370 U	
Pyrene	100000	1700000	2200000	UG/KG	170	130 U	130 U	6200	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
1,2,4,5-Tetrachlorobenzene	--	--	14000	UG/KG	180 U	180 U	220 U	210 U	
1,2,4-Trichlorobenzene	--	73000	27000	UG/KG	180 U	180 U	220 U	210 U	
1,2-Dichlorobenzene	1100	5300000	59000	UG/KG	NA	NA	NA	NA	
1,3-Dichlorobenzene	2400	5300000	61000	UG/KG	NA	NA	NA	NA	
1,4-Dichlorobenzene	1800	5000	10000	UG/KG	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	--	--	950000	UG/KG	180 U	180 U	220 U	210 U	
2,4,5-Trichlorophenol	--	6100000	6100000	UG/KG	180 U	180 U	220 U	210 U	
2,4,6-Trichlorophenol	--	19000	8900	UG/KG	110 U	100 U	130 U	130 U	
2,4-Dichlorophenol	--	180000	1000	UG/KG	160 U	160 U	190 U	190 U	
2,4-Dimethylphenol	--	1200000	87000	UG/KG	180 U	180 U	220 U	210 U	
2,4-Dinitrophenol	--	120000	460	UG/KG	880 U	840 U	1000 U	1000 U	
2,4-Dinitrotoluene	--	700	200	UG/KG	180 U	180 U	220 U	210 U	
2,6-Dinitrotoluene	--	700	3000	UG/KG	180 U	180 U	220 U	210 U	
2-Chloronaphthalene	--	--	18000000	UG/KG	180 U	180 U	220 U	210 U	
2-Chlorophenol	--	310000	4400	UG/KG	180 U	180 U	220 U	210 U	
2-Methylnaphthalene	--	230000	8000000	UG/KG	220 U	210 U	260 U	250 U	
2-Methylphenol (O-Cresol)	330	310000	180000	UG/KG	180 U	180 U	220 U	210 U	
2-Nitroaniline	--	39000	100	UG/KG	180 U	180 U	220 U	210 U	
2-Nitrophenol	--	--	17000	UG/KG	400 U	380 U	470 U	460 U	
3- And 4- Methylphenol (Total)	330	31000	12000	UG/KG	260 U	250 U	310 U	300 U	
3,3'-Dichlorobenzidine	--	1000	32000	UG/KG	180 U	180 U	220 U	210 U	
3-Nitroaniline	--	--	91	UG/KG	180 U	180 U	220 U	210 U	
4,6-Dinitro-2-Methylphenol	--	6000	--	UG/KG	480 U	460 U	560 U	550 U	
4-Bromophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	220 U	210 U	
4-Chloro-3-Methylphenol	--	--	110000	UG/KG	180 U	180 U	220 U	210 U	
4-Chloroaniline	--	--	52000	UG/KG	180 U	180 U	220 U	210 U	
4-Chlorophenyl Phenyl Ether	--	--	--	UG/KG	180 U	180 U	220 U	210 U	
4-Nitroaniline	--	--	86	UG/KG	180 U	180 U	220 U	210 U	
4-Nitrophenol	--	--	4100	UG/KG	260 U	240 U	300 U	300 U	
Acenaphthene	20000	3400000	4700000	UG/KG	150 U	140 U	170 U	170 U	
Acenaphthylene	100000	--	6900000	UG/KG	150 U	140 U	170 U	170 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Acetophenone	--	2000	540000	UG/KG	180 U	180 U	220 U	210 U	
Aniline	--	--	340	UG/KG	NA	NA	NA	NA	
Anthracene	100000	17000000	350000	UG/KG	110 U	100 U	130 U	130 U	
Atrazine	--	210000	130	UG/KG	150 U	140 U	170 U	170 U	
Benzaldehyde	--	6100000	--	UG/KG	240 U	230 U	280 U	280 U	
Benzo(A)Anthracene	1000	600	110000	UG/KG	110 U	32 J	130 U	130 U	
Benzo(A)Pyrene	1000	200	11000	UG/KG	150 U	140 U	170 U	170 U	
Benzo(B)Fluoranthene	1000	600	110000	UG/KG	110 U	30 J	130 U	130 U	
Benzo(G,H,I)Perylene	100000	380000000	180000	UG/KG	150 U	140 U	170 U	170 U	
Benzo(K)Fluoranthene	800	6000	610000	UG/KG	110 U	100 U	130 U	130 U	
Benzoic Acid	--	--	7800000	UG/KG	590 U	570 U	700 U	690 U	
Benzyl Alcohol	--	--	1100000	UG/KG	180 U	180 U	220 U	210 U	
Benzyl Butyl Phthalate	--	1200000	10000000	UG/KG	180 U	180 U	220 U	210 U	
Biphenyl (Diphenyl)	--	3100000	2200000	UG/KG	420 U	400 U	490 U	480 U	
Bis(2-Chloroethoxy) Methane	--	--	--	UG/KG	200 U	190 U	230 U	230 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	400	17	UG/KG	160 U	160 U	190 U	190 U	
Bis(2-Chloroisopropyl) Ether	--	23000	8000	UG/KG	220 U	210 U	260 U	250 U	
Bis(2-Ethylhexyl) Phthalate	--	35000	130000	UG/KG	180 U	180 U	220 U	210 U	
Caprolactam	--	31000000	--	UG/KG	180 U	180 U	220 U	210 U	
Carbazole	--	24000	83000	UG/KG	180 U	180 U	220 U	210 U	
Chrysene	1000	62000	230000	UG/KG	110 U	25 J	130 U	130 U	
Dibenz(A,H)Anthracene	330	200	11000	UG/KG	110 U	100 U	130 U	130 U	
Dibenzofuran	7000	--	--	UG/KG	180 U	180 U	220 U	210 U	
Diethyl Phthalate	--	49000000	160000	UG/KG	180 U	180 U	220 U	210 U	
Dimethyl Phthalate	--	--	--	UG/KG	180 U	180 U	220 U	210 U	
Di-N-Butyl Phthalate	--	6100000	4100000	UG/KG	180 U	180 U	220 U	210 U	
Di-N-Octylphthalate	--	2400000	10000000	UG/KG	180 U	180 U	220 U	210 U	
Fluoranthene	100000	2300000	3200000	UG/KG	27 J	60 J	130 U	130 U	
Fluorene	30000	2300000	3800000	UG/KG	180 U	180 U	220 U	210 U	
Hexachlorobenzene	330	300	960	UG/KG	110 U	100 U	130 U	130 U	
Hexachlorobutadiene	--	6000	1200	UG/KG	180 U	180 U	220 U	210 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Hexachlorocyclopentadiene	--	45000	91000	UG/KG	520 U	500 U	620 U	610 U	
Hexachloroethane	--	35000	560	UG/KG	150 U	140 U	170 U	170 U	
Indeno(1,2,3-C,D)Pyrene	500	600	110000	UG/KG	150 U	140 U	170 U	170 U	
Isophorone	--	510000	1900	UG/KG	160 U	160 U	190 U	190 U	
Naphthalene	12000	6000	25000	UG/KG	180 U	180 U	220 U	210 U	
Nitrobenzene	--	31000	2200	UG/KG	160 U	160 U	190 U	190 U	
N-Nitrosodi-N-Propylamine	--	200	5.1	UG/KG	180 U	180 U	220 U	210 U	
N-Nitrosodiphenylamine	--	99000	83000	UG/KG	150 U	140 U	170 U	170 U	
Pentachlorophenol	800	3000	5000	UG/KG	150 U	140 U	170 U	170 U	
Phenanthrene	100000	--	10000000	UG/KG	110 U	37 J	130 U	130 U	
Phenol	330	18000000	66000	UG/KG	180 U	180 U	220 U	210 U	
Pyrene	100000	1700000	2200000	UG/KG	27 J	51 J	130 U	130 U	

J - Estimated value

NA - Not analyzed

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

SCO - Soil Cleanup Objectives

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-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					A-1A	A-1A	A-1A	A-1B	A-1B	A-1B
					03/07/2017	03/15/2017	03/15/2017	03/07/2017	03/15/2017	03/15/2017
					0 - 6	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	6900	8200	6600	6600	10000	15000
Antimony	--	31	27	MG/KG	4.3 U	4.3 U	4.4 U	1.2 J	4.7 U	4.3 U
Arsenic	13	19	53	MG/KG	2.8	1.8	0.5 J	3.6	1.4	0.88
Barium	350	16000	8200	MG/KG	62	120	32	110	52	45
Beryllium	7.2	16	320	MG/KG	0.16 J	0.23 J	0.12 J	0.18 J	0.22 J	0.09 J
Cadmium	2.5	78	38	MG/KG	0.86 U	0.09 J	0.88 U	0.1 J	0.14 J	0.85 U
Calcium	--	--	--	MG/KG	32000	7000	800	53000	49000	52000
Chromium III	30	120000	190000	MG/KG	14	19	15	11	13 J	10
Chromium, Hexavalent	1	240	190	MG/KG	0.91 U	0.89 U	0.92 U	0.92 U	0.19 J	0.88 U
Chromium, Total	30	240	190	MG/KG	14	19	15	11	13	10
Cobalt	--	1600	22	MG/KG	4.5	5.9	5.3	3.4	5.1	7.4
Copper	50	3100	36000	MG/KG	24	21	12	23	18	51
Cyanide	27	1600	200	MG/KG	0.33 J	1.1 U	1.1 U	0.31 J	1.1 U	1.1 U
Iron	--	--	190000	MG/KG	10000	12000	12000	8500	11000	14000
Lead	63	400	450	MG/KG	55	50	2.7 J	280	18	6.3
Magnesium	--	--	--	MG/KG	7300	5200	3000	10000	5300	4400
Manganese	1600	11000	190000	MG/KG	160	310	220	140	220	180
Mercury	0.18	23	10	MG/KG	0.2	0.13	0.07 U	0.16	0.05 J	0.02 J
Nickel	30	1600	650	MG/KG	11	13	10	8.2	10	11
Potassium	--	--	--	MG/KG	1800	2200	1400	1500	1400	1600
Selenium	3.9	390	26	MG/KG	0.38 J	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U
Silver	2	390	84	MG/KG	0.86 U	0.86 U	0.88 U	0.9 U	0.93 U	0.85 U
Sodium	--	--	--	MG/KG	250	180	92 J	680	480	1700
Thallium	--	5	14	MG/KG	1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U
Vanadium	--	78	72000	MG/KG	20	22	17	17	21	50
Zinc	109	23000	12000	MG/KG	54	64	27	93	82	20

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-- No SCO or Standards available

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Shaded data indicates that parameter was detected above the NJDEP Residential Soil Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					A-1C	A-1C	A-1C	A-1D	A-1D	A-1D
Sample Date:					03/07/2017	03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/10/2017
Sample Depth (ft bls):					0 - 6	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	7300	6600	11000	6100	6100	7300
Antimony	--	31	27	MG/KG	0.33 J	4.8 U	4.5 U	0.64 J	4.6 U	4.7 U
Arsenic	13	19	53	MG/KG	3.5	5.4	5.7	3.4	5.1	4.8
Barium	350	16000	8200	MG/KG	110	180	140	370	980	560
Beryllium	7.2	16	320	MG/KG	0.23 J	0.16 J	0.38 J	0.17 J	0.29 J	0.26 J
Cadmium	2.5	78	38	MG/KG	0.16 J	1.6	0.25 J	0.21 J	0.92	0.39 J
Calcium	--	--	--	MG/KG	33000	53000	40000	59000	150000	120000
Chromium III	30	120000	190000	MG/KG	13	15	16	16	23	12
Chromium, Hexavalent	1	240	190	MG/KG	0.91 U	0.97 U	0.94 U	0.92 U	0.94 U	0.97 U
Chromium, Total	30	240	190	MG/KG	13	15	16	16	23	12
Cobalt	--	1600	22	MG/KG	3.7	4	4	4.5	4.1	3.6
Copper	50	3100	36000	MG/KG	35	36	24	44	18	16
Cyanide	27	1600	200	MG/KG	0.4 J	2.3 U	0.63 J	2.3 U	0.72 J	2.3 U
Iron	--	--	190000	MG/KG	9300	10000	13000	12000	10000	12000
Lead	63	400	450	MG/KG	180	490	280	150	300	170
Magnesium	--	--	--	MG/KG	5000	5400	3600	18000	40000	31000
Manganese	1600	11000	190000	MG/KG	140	150	180	200	480	260
Mercury	0.18	23	10	MG/KG	0.17	0.1	0.1	0.15	0.2	0.25
Nickel	30	1600	650	MG/KG	12	9.8	9.4	12	6.3	7.2
Potassium	--	--	--	MG/KG	1100	1100	1200	1800	1200	970
Selenium	3.9	390	26	MG/KG	0.31 J	1.9 U	1.8 U	1.8 U	0.35 J	1.9 U
Silver	2	390	84	MG/KG	0.88 U	0.97 U	0.89 U	0.9 U	0.92 U	0.95 U
Sodium	--	--	--	MG/KG	760	620	1400	310	500	710
Thallium	--	5	14	MG/KG	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U
Vanadium	--	78	72000	MG/KG	19	21	24	22	16	15
Zinc	109	23000	12000	MG/KG	110	400	150	210	880	380

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

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Shaded data indicates that parameter was detected above the NJDEP Residential Soil Direct Contact Remediation Standards

Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					A-2A	A-2A	A-2A	A-2B	A-2B	A-4-5
Sample Date:					03/07/2017	03/13/2017	03/15/2017	03/07/2017	03/13/2017	03/07/2017
Sample Depth (ft bls):					0 - 6	6 - 12	12 - 21	0 - 6	6 - 12	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	6000	11000	8200	5600	8200	5400
Antimony	--	31	27	MG/KG	0.68 J	0.53 J	4.6 U	0.45 J	0.48 J	0.34 J
Arsenic	13	19	53	MG/KG	2.9	1.6	0.92	2.9	2.5	2.2
Barium	350	16000	8200	MG/KG	70	130	35	57	54	54
Beryllium	7.2	16	320	MG/KG	0.32 J	0.2 J	0.14 J	0.16 J	0.23 J	0.14 J
Cadmium	2.5	78	38	MG/KG	0.16 J	0.86 U	0.91 U	0.86 U	0.84 U	0.13 J
Calcium	--	--	--	MG/KG	34000	33000	6100	15000	29000	42000
Chromium III	30	120000	190000	MG/KG	17	28	17	14	8.7	10
Chromium, Hexavalent	1	240	190	MG/KG	0.91 U	0.9 U	0.92 U	0.91 U	0.85 U	0.88 U
Chromium, Total	30	240	190	MG/KG	17	28	17	14	8.7	10
Cobalt	--	1600	22	MG/KG	6	5.9	6.6	4.3	2.9	3.9
Copper	50	3100	36000	MG/KG	63	21	17	33	8.1	18
Cyanide	27	1600	200	MG/KG	0.22 J	1 U	1.1 U	0.55 J	0.99 U	0.48 J
Iron	--	--	190000	MG/KG	13000	13000	13000	11000	7100	9400
Lead	63	400	450	MG/KG	140	120	3.9 J	56	42	52
Magnesium	--	--	--	MG/KG	11000	6000	4100	3400	5100	12000
Manganese	1600	11000	190000	MG/KG	170	220	170	180	130	150
Mercury	0.18	23	10	MG/KG	0.12	0.11	0.07 U	0.14	0.14	0.11
Nickel	30	1600	650	MG/KG	20	16	14	11	6	9.4
Potassium	--	--	--	MG/KG	1600	2800	1800	920	1300	1900
Selenium	3.9	390	26	MG/KG	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U
Silver	2	390	84	MG/KG	0.48 J	0.86 U	0.91 U	0.86 U	0.84 U	0.87 U
Sodium	--	--	--	MG/KG	290	480	300	310	880	250
Thallium	--	5	14	MG/KG	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U
Vanadium	--	78	72000	MG/KG	24	24	24	19	14	16
Zinc	109	23000	12000	MG/KG	130	48	31	55	25	96

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					A-4-5	A-4-5	A-6A	A-6A	A-6B	A-6B
Sample Date:					03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017	03/10/2017
Sample Depth (ft bls):					6 - 12	12 - 18	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	10000	9000	4600	7200	6100	11000
Antimony	--	31	27	MG/KG	4.6 U	4.3 U	4.6 U	4.7 U	0.5 J	4.9 U
Arsenic	13	19	53	MG/KG	4.5	1.8	1.7	4.1	7.8	1.9
Barium	350	16000	8200	MG/KG	110	66	41	140	54	46
Beryllium	7.2	16	320	MG/KG	0.29 J	0.21 J	0.08 J	0.22 J	0.18 J	0.24 J
Cadmium	2.5	78	38	MG/KG	0.23 J	0.86 U	0.91 U	0.56 J	0.16 J	0.98 U
Calcium	--	--	--	MG/KG	10000	5700	58000	20000	25000	2600
Chromium III	30	120000	190000	MG/KG	25	23	11	19	15	24
Chromium, Hexavalent	1	240	190	MG/KG	0.93 U	0.9 U	0.93 U	0.94 U	0.89 U	0.98 U
Chromium, Total	30	240	190	MG/KG	25	23	11	19	15	24
Cobalt	--	1600	22	MG/KG	7.9	5.9	3.2	6.8	4.5	6
Copper	50	3100	36000	MG/KG	33	15	15	45	29	13
Cyanide	27	1600	200	MG/KG	1.1 U	1.1 U	0.23 J	1.1 U	1 U	1.2 U
Iron	--	--	190000	MG/KG	16000	14000	7700	13000	12000	15000
Lead	63	400	450	MG/KG	350	45	26	260	82	27
Magnesium	--	--	--	MG/KG	8500	4300	18000	5700	10000	2900
Manganese	1600	11000	190000	MG/KG	160	160	120	280	220	190
Mercury	0.18	23	10	MG/KG	11	0.11	0.09	0.88	0.24	0.32
Nickel	30	1600	650	MG/KG	16	13	9	15	14	12
Potassium	--	--	--	MG/KG	1700	1000	1500	1700	1200	570
Selenium	3.9	390	26	MG/KG	1.8 U	1.7 U	0.27 J	1.9 U	1.8 U	2 U
Silver	2	390	84	MG/KG	0.91 U	0.86 U	1.6	0.94 U	0.88 U	0.98 U
Sodium	--	--	--	MG/KG	150 J	140 J	260	170 J	270	310
Thallium	--	5	14	MG/KG	1.8 U	0.41 J	1.8 U	1.9 U	1.8 U	2 U
Vanadium	--	78	72000	MG/KG	28	24	18	20	26	24
Zinc	109	23000	12000	MG/KG	260	110	33	200	73	44

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					A-7	A-7	A-7	VAULT-1	VAULT-1	VAULT-2
Sample Date:					03/07/2017	03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017
Sample Depth (ft bls):					0 - 6	6 - 12	12 - 18	0 - 6	6 - 12	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	6600	11000	4200	4800	11000	5700
Antimony	--	31	27	MG/KG	0.45 J	4.8 U	4.5 U	0.41 J	4.6 U	0.55 J
Arsenic	13	19	53	MG/KG	3.9	2.6	0.73 J	2.2	2.3	2.8
Barium	350	16000	8200	MG/KG	82	64	23	41	59	73
Beryllium	7.2	16	320	MG/KG	0.18 J	0.22 J	0.1 J	0.12 J	0.2 J	0.17 J
Cadmium	2.5	78	38	MG/KG	0.12 J	0.96 U	0.9 U	0.1 J	0.92 U	0.16 J
Calcium	--	--	--	MG/KG	40000	4600	1000	72000	6000	28000
Chromium III	30	120000	190000	MG/KG	15	21	13	11	26	14
Chromium, Hexavalent	1	240	190	MG/KG	0.94 U	0.96 U	0.91 U	0.89 U	0.93 U	0.9 U
Chromium, Total	30	240	190	MG/KG	15	21	13	11	26	14
Cobalt	--	1600	22	MG/KG	4.5	8.9	3.5	3.8	11	5.6
Copper	50	3100	36000	MG/KG	23	31	8.6	17	33	20
Cyanide	27	1600	200	MG/KG	0.49 J	1.2 U	1.1 U	2.1 U	1.1 U	0.2 J
Iron	--	--	190000	MG/KG	9800	18000	9000	8700	20000	9400
Lead	63	400	450	MG/KG	220	15	2.8 J	39	44	82
Magnesium	--	--	--	MG/KG	5400	4300	1800	33000	5200	7600
Manganese	1600	11000	190000	MG/KG	190	570	190	170	350	220
Mercury	0.18	23	10	MG/KG	0.24	0.29	0.07 U	0.13	0.54	0.09
Nickel	30	1600	650	MG/KG	11	17	9.3	9.3	31	17
Potassium	--	--	--	MG/KG	1300	1100	660	1600	2500	1000
Selenium	3.9	390	26	MG/KG	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	0.26 J
Silver	2	390	84	MG/KG	0.41 J	0.96 U	0.9 U	0.88 U	0.92 U	0.88 U
Sodium	--	--	--	MG/KG	260	120 J	96 J	430	160 J	410
Thallium	--	5	14	MG/KG	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	0.43 J
Vanadium	--	78	72000	MG/KG	21	27	15	18	30	17
Zinc	109	23000	12000	MG/KG	100	44	17	41	57	69

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					VAULT-2	B-1	B-1	B-1	B-1	B-2A
Sample Date:					03/10/2017	03/06/2017	03/09/2017	03/09/2017	03/09/2017	03/06/2017
Sample Depth (ft bls):					6 - 12	0 - 5	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	6300	5300	5200	5900	7100	6500
Antimony	--	31	27	MG/KG	4.8 U	11	3.1 J	0.97 J	4 J	1.5 J
Arsenic	13	19	53	MG/KG	6.9	3.1	3.2	4.4	3.9	4.2
Barium	350	16000	8200	MG/KG	320	1000	460	410	590	1100
Beryllium	7.2	16	320	MG/KG	0.2 J	0.21 J	0.11 J	0.15 J	0.21 J	0.21 J
Cadmium	2.5	78	38	MG/KG	0.34 J	5	13	4.6	13	0.94 J
Calcium	--	--	--	MG/KG	38000	38000	55000	55000	41000	48000
Chromium III	30	120000	190000	MG/KG	14	14	14	14	21	19
Chromium, Hexavalent	1	240	190	MG/KG	0.96 U	0.92 U	0.96 U	0.95 U	0.94 U	1 U
Chromium, Total	30	240	190	MG/KG	14	14	14	14	21	19
Cobalt	--	1600	22	MG/KG	4.7	4.7	5.4	4.3	5.5	4.7
Copper	50	3100	36000	MG/KG	38	32	31	31	45	55
Cyanide	27	1600	200	MG/KG	0.57 J	0.81 J	0.82 J	1.4	0.87 J	0.87 J
Iron	--	--	190000	MG/KG	18000	13000	14000	13000	34000	21000
Lead	63	400	450	MG/KG	260	390	340	160	190	330
Magnesium	--	--	--	MG/KG	6400	3300	3400	2400	3000	3200
Manganese	1600	11000	190000	MG/KG	230	160	160	140	170	230
Mercury	0.18	23	10	MG/KG	0.13	0.2	0.3	0.22	0.22	0.24
Nickel	30	1600	650	MG/KG	12	12	12	12	19	12
Potassium	--	--	--	MG/KG	920	1400	1100	1100	1200	870
Selenium	3.9	390	26	MG/KG	1.9 U	0.51 J	0.43 J	0.29 J	1.8 U	0.29 J
Silver	2	390	84	MG/KG	0.96 U	0.89 U	0.92 U	0.92 U	0.9 U	1 U
Sodium	--	--	--	MG/KG	810	770	240	400	520	520
Thallium	--	5	14	MG/KG	1.9 U	1.8 U	0.39 J	1.8 U	0.52 J	2 U
Vanadium	--	78	72000	MG/KG	20	27	40	34	42	22
Zinc	109	23000	12000	MG/KG	240	1400	8200	3700	6800	790

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation: Sample Date: Sample Depth (ft bls):					B-2A	B-2A	B-2A	B-2B	B-2B	B-2B
					03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/13/2017	03/13/2017
					5 - 10	10 - 15	15 - 21	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	5300	6900	4000	5800	6100	7300
Antimony	--	31	27	MG/KG	0.71 J	0.51 J	4.7 U	0.95 J	1.3 J	0.41 J
Arsenic	13	19	53	MG/KG	2.7	2	1.2	2.9	3.7	3.3
Barium	350	16000	8200	MG/KG	300	79	57	530	310	140
Beryllium	7.2	16	320	MG/KG	0.23 J	0.34 J	0.18 J	0.2 J	0.2 J	0.23 J
Cadmium	2.5	78	38	MG/KG	0.65 J	0.43 J	0.18 J	0.86	1.6	0.44 J
Calcium	--	--	--	MG/KG	29000	57000	19000	40000	57000	23000
Chromium III	30	120000	190000	MG/KG	7.8	7.7	14 J	12	12	16
Chromium, Hexavalent	1	240	190	MG/KG	1 U	0.95 U	0.32 J	0.9 U	0.98 U	0.91 U
Chromium, Total	30	240	190	MG/KG	7.8	7.7	14	12	12	16
Cobalt	--	1600	22	MG/KG	2.5	3	4	6.6	3.4	5.5
Copper	50	3100	36000	MG/KG	28	16	10	27	22	28
Cyanide	27	1600	200	MG/KG	0.3 J	1.2 U	1.1 U	0.89 J	0.46 J	0.32 J
Iron	--	--	190000	MG/KG	6000	6100	7800	8400	12000	14000
Lead	63	400	450	MG/KG	130	40	11	140	120	41
Magnesium	--	--	--	MG/KG	1700	3000	8600	2800	2400	2400
Manganese	1600	11000	190000	MG/KG	110	130	440	120	150	130
Mercury	0.18	23	10	MG/KG	0.36	1.5	0.02 J	0.36	0.22	0.17
Nickel	30	1600	650	MG/KG	6.4	8.1	10	13	9.9	13
Potassium	--	--	--	MG/KG	450	620	1200	1500	780	1500
Selenium	3.9	390	26	MG/KG	2 U	1.9 U	1.9 U	0.42 J	1.9 U	1.8 U
Silver	2	390	84	MG/KG	1 U	0.94 U	0.93 U	0.86 U	0.96 U	0.89 U
Sodium	--	--	--	MG/KG	530	220	140 J	370	260	460
Thallium	--	5	14	MG/KG	2 U	1.9 U	1.9 U	1.7 U	1.9 U	1.8 U
Vanadium	--	78	72000	MG/KG	13	14	14	34	15	28
Zinc	109	23000	12000	MG/KG	240	160	38	810	400	110

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					B-2B	B-3A	B-3A	B-3A	B-3A	B-3B
Sample Date:					03/13/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):					15 - 20	0 - 5	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	4200	3400	11000	6000	3200	6900
Antimony	--	31	27	MG/KG	4.8 U	0.63 J	0.42 J	0.32 J	4.9 U	0.76 J
Arsenic	13	19	53	MG/KG	0.96 U	2.7	2.7	0.732 J	0.82 J	4.4
Barium	350	16000	8200	MG/KG	17	140	94	43	20	500
Beryllium	7.2	16	320	MG/KG	0.17 J	0.1 J	0.34 J	0.19 J	0.17 J	0.2 J
Cadmium	2.5	78	38	MG/KG	0.96 U	0.11 J	0.92 U	0.81 U	0.13 J	0.74 J
Calcium	--	--	--	MG/KG	17000	30000	22000	1500	16000	42000
Chromium III	30	120000	190000	MG/KG	12	14	20	17 J	10	13
Chromium, Hexavalent	1	240	190	MG/KG	1 U	0.86 U	0.93 U	0.34 J	1 U	0.93 U
Chromium, Total	30	240	190	MG/KG	12	14	20	17	10	13
Cobalt	--	1600	22	MG/KG	4.3	2.9	6.4	5.8	3.6	3.2
Copper	50	3100	36000	MG/KG	11	16	19	17	9.5	22
Cyanide	27	1600	200	MG/KG	1.2 U	0.21 J	1.1 U	1 U	1.2 U	0.4 J
Iron	--	--	190000	MG/KG	8800	10000	16000	13000	6700	12000
Lead	63	400	450	MG/KG	1.6 J	170	160	3.99 J	11	140
Magnesium	--	--	--	MG/KG	12000	4300	8300	3400	9700	3000
Manganese	1600	11000	190000	MG/KG	81	170	310	470	150	180
Mercury	0.18	23	10	MG/KG	0.09 U	0.27	0.89	0.02 J	0.25	0.52
Nickel	30	1600	650	MG/KG	9.1	6.1	12	15	9.4	8.5
Potassium	--	--	--	MG/KG	1200	480	1000	2500	910	580
Selenium	3.9	390	26	MG/KG	1.9 U	1.7 U	1.8 U	1.6 U	2 U	1.8 U
Silver	2	390	84	MG/KG	0.96 U	0.83 U	0.92 U	0.81 U	0.98 U	0.92 U
Sodium	--	--	--	MG/KG	85 J	98 J	90 J	99 J	110 J	530
Thallium	--	5	14	MG/KG	1.9 U	1.7 U	1.8 U	1.6 U	2 U	1.8 U
Vanadium	--	78	72000	MG/KG	12	9.1	23	23	11	18
Zinc	109	23000	12000	MG/KG	25	180	78	34	22	590

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					B-3B	B-3B	B-3B	B-3C	B-3C	B-3C
Sample Date:					03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
Sample Depth (ft bls):					5 - 10	10 - 15	15 - 22	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	5300	7400	3200	3300	4500	9000
Antimony	--	31	27	MG/KG	4.3 U	4.4 U	4.9 U	0.48 J	4.3 U	4.4 U
Arsenic	13	19	53	MG/KG	2.1	2.3	0.98 U	3.8	1.8	1.6
Barium	350	16000	8200	MG/KG	74	89	16	1200	120	110
Beryllium	7.2	16	320	MG/KG	0.3 J	0.27 J	0.15 J	0.08 J	0.17 J	0.34 J
Cadmium	2.5	78	38	MG/KG	0.86 U	0.88 U	0.98 U	1.3	0.22 J	0.88 U
Calcium	--	--	--	MG/KG	46000	6400	29000	35000	42000	10000
Chromium III	30	120000	190000	MG/KG	6.8 J	18	8.6	10	11	19
Chromium, Hexavalent	1	240	190	MG/KG	0.23 J	0.9 U	1 U	0.91 U	0.91 U	0.9 U
Chromium, Total	30	240	190	MG/KG	7	18	8.6	10	11	19
Cobalt	--	1600	22	MG/KG	2.4	5.3	2.6	3.2	2.1	5.7
Copper	50	3100	36000	MG/KG	16	23	8.3	20	35	14
Cyanide	27	1600	200	MG/KG	1 U	1.1 U	0.81 U	0.76 J	0.21 J	1.1 U
Iron	--	--	190000	MG/KG	5800	14000	6100	7200	6600	13000
Lead	63	400	450	MG/KG	14	230	2 J	210	88	26
Magnesium	--	--	--	MG/KG	1900	4000	15000	2500	2200	2800
Manganese	1600	11000	190000	MG/KG	130	250	140	130	100	340
Mercury	0.18	23	10	MG/KG	0.03 J	0.21	0.09 U	0.15	0.12	0.07 J
Nickel	30	1600	650	MG/KG	6.1	12	7.1	8.3	5.9	11
Potassium	--	--	--	MG/KG	850	1200	1100	550	650	820
Selenium	3.9	390	26	MG/KG	1.7 U	1.8 U	2 U	0.24 J	1.7 U	1.8 U
Silver	2	390	84	MG/KG	0.86 U	0.88 U	0.98 U	0.9 U	0.86 U	0.88 U
Sodium	--	--	--	MG/KG	280	87 J	98 J	240	180	100 J
Thallium	--	5	14	MG/KG	1.7 U	1.8 U	2 U	1.8 U	1.7 U	1.8 U
Vanadium	--	78	72000	MG/KG	12	20	8.9	17	9.2	21
Zinc	109	23000	12000	MG/KG	37	130	17	1400	140	97

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-- No SCO or Standards available

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Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					B-3C	B-4A	B-4A	B-4A	B-4A	B-4B
Sample Date:					03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):					15 - 22	0 - 5	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	12000	4000	11000	10000	4200	6400
Antimony	--	31	27	MG/KG	4.7 U	1.3 J	4.7 U	4.5 U	5.2 U	1.4 J
Arsenic	13	19	53	MG/KG	2.2	5.4	1.7	1.4	0.37 J	7.3
Barium	350	16000	8200	MG/KG	110	120	27	35	22	380
Beryllium	7.2	16	320	MG/KG	0.55	0.18 J	0.35 J	0.38 J	0.1 J	0.2 J
Cadmium	2.5	78	38	MG/KG	0.93 U	0.88 J	0.94 U	0.9 U	1 U	2.8
Calcium	--	--	--	MG/KG	16000	9500	1100	1200	5700	36000
Chromium III	30	120000	190000	MG/KG	25	9.8 J	20	34 J	15	21
Chromium, Hexavalent	1	240	190	MG/KG	0.98 U	0.19 J	0.94 U	0.62 J	1 U	0.93 U
Chromium, Total	30	240	190	MG/KG	25	10	20	35	15	21
Cobalt	--	1600	22	MG/KG	13	5.5	5.6	6.4	4.2	7.6
Copper	50	3100	36000	MG/KG	29	61	17	16	13	77
Cyanide	27	1600	200	MG/KG	1.1 U	0.34 J	1.1 U	1.1 U	1.3	0.4 J
Iron	--	--	190000	MG/KG	21000	10000	16000	16000	8800	33000
Lead	63	400	450	MG/KG	6.2	150	4.4 J	3.9 J	2 J	610
Magnesium	--	--	--	MG/KG	11000	2600	3100	3600	5100	3500
Manganese	1600	11000	190000	MG/KG	510	120	240	250	180	250
Mercury	0.18	23	10	MG/KG	0.08 U	0.5	0.03 J	0.03 J	0.08 U	0.4
Nickel	30	1600	650	MG/KG	26	14	12	14	12	17
Potassium	--	--	--	MG/KG	3800	1200	840	820	1200	880
Selenium	3.9	390	26	MG/KG	1.9 U	0.56 J	1.9 U	1.8 U	2.1 U	1.9 U
Silver	2	390	84	MG/KG	0.93 U	2.8	0.94 U	0.9 U	1 U	0.93 U
Sodium	--	--	--	MG/KG	270	120 J	36 J	56 J	120 J	430
Thallium	--	5	14	MG/KG	1.9 U	0.57 J	1.9 U	1.8 U	2.1 U	1.9 U
Vanadium	--	78	72000	MG/KG	31	15	24	34	15	27
Zinc	109	23000	12000	MG/KG	62	140	33	35	22	360

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					B-4B	B-4B	B-4B	B-4C	B-4C	B-4C
Sample Date:					03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
Sample Depth (ft bls):					5 - 10	10 - 15	15 - 23	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	5000	6600	2700	4000	7900	3700
Antimony	--	31	27	MG/KG	4.1 U	4.1 U	4.5 U	0.78 J	0.43 J	5 U
Arsenic	13	19	53	MG/KG	0.81 J	0.91	0.89 U	4	5.1	0.74 J
Barium	350	16000	8200	MG/KG	21	32	26	790	120	15
Beryllium	7.2	16	320	MG/KG	0.17 J	0.23 J	0.09 J	0.13 J	0.42 J	0.1 J
Cadmium	2.5	78	38	MG/KG	0.83 U	0.82 U	0.89 U	1.1	0.17 J	1 U
Calcium	--	--	--	MG/KG	1500	2900	29000	63000	82000	18000
Chromium III	30	120000	190000	MG/KG	16	18	7.9	39	15	12
Chromium, Hexavalent	1	240	190	MG/KG	0.85 U	0.84 U	0.94 U	0.91 U	0.95 U	1 U
Chromium, Total	30	240	190	MG/KG	16	18	7.9	39	15	12
Cobalt	--	1600	22	MG/KG	4.6	5.4	3.8	3.3	4.6	3.9
Copper	50	3100	36000	MG/KG	15	16	8.3	26	44	10
Cyanide	27	1600	200	MG/KG	0.96 U	1 U	1.1 U	0.58 J	0.32 J	1.3 U
Iron	--	--	190000	MG/KG	9600	11000	5500	8800	14000	8100
Lead	63	400	450	MG/KG	2.9 J	12	2 J	200	35	1.8 J
Magnesium	--	--	--	MG/KG	2000	2800	14000	7900	3500	10000
Manganese	1600	11000	190000	MG/KG	200	240	200	140	140	150
Mercury	0.18	23	10	MG/KG	0.03 J	0.02 J	0.07 U	0.31	0.14	0.08 U
Nickel	30	1600	650	MG/KG	12	12	8.9	7.5	11	10
Potassium	--	--	--	MG/KG	850	1600	670	530	750	1200
Selenium	3.9	390	26	MG/KG	1.6 U	1.6 U	1.8 U	1.8 U	1.9 U	2 U
Silver	2	390	84	MG/KG	0.83 U	0.82 U	0.89 U	0.88 U	0.95 U	1 U
Sodium	--	--	--	MG/KG	93 J	130 J	150 J	250	190	170 J
Thallium	--	5	14	MG/KG	1.6 U	1.6 U	1.8 U	1.8 U	1.9 U	2 U
Vanadium	--	78	72000	MG/KG	19	20	8.2	18	25	14
Zinc	109	23000	12000	MG/KG	23	29	14	690	120	19

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Table 3. Summary of Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:					B-4C	B-5	B-5	B-5	B-5	B-5
Sample Date:					03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/08/2017
Sample Depth (ft bls):					15 - 23	0 - 5	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
Aluminum	--	78000	190000	MG/KG	2900	5500	6700	3600	4200	3800
Antimony	--	31	27	MG/KG	4.9 U	0.48 J	4.3 U	4.1 U	5.1 U	5 U
Arsenic	13	19	53	MG/KG	0.99 U	11	1.5	0.77 J	0.66 J	0.59 J
Barium	350	16000	8200	MG/KG	14	220	85	20	26	24
Beryllium	7.2	16	320	MG/KG	0.14 J	0.26 J	0.19 J	0.11 J	0.12 J	0.1 J
Cadmium	2.5	78	38	MG/KG	0.99 U	0.26 J	0.87 U	0.83 U	1 U	1 U
Calcium	--	--	--	MG/KG	29000	30000	34000	1200	9600	13000
Chromium III	30	120000	190000	MG/KG	8.8	18	16	12	12	12
Chromium, Hexavalent	1	240	190	MG/KG	1 U	0.95	0.88 U	0.85 U	1 U	1 U
Chromium, Total	30	240	190	MG/KG	8.8	19	16	12	12	12
Cobalt	--	1600	22	MG/KG	2.6	3.8	4.7	3.5	4.6	4.2
Copper	50	3100	36000	MG/KG	7.7	31	22	11	13	11
Cyanide	27	1600	200	MG/KG	1.2 U	0.21 J	1 U	1 U	1.2 U	1.2 U
Iron	--	--	190000	MG/KG	6300	8700	11000	7800	9600	8100
Lead	63	400	450	MG/KG	1.4 J	130	51	2.7 J	2 J	2.8 J
Magnesium	--	--	--	MG/KG	13000	7000	13000	2000	6800	6600
Manganese	1600	11000	190000	MG/KG	120	200	240	170	180	190
Mercury	0.18	23	10	MG/KG	0.08 U	0.24	0.15	0.02 J	0.09 U	0.08 U
Nickel	30	1600	650	MG/KG	6.9	12	11	8.7	11	11
Potassium	--	--	--	MG/KG	760	850	1700	1000	1000	940
Selenium	3.9	390	26	MG/KG	2 U	1.8 U	1.7 U	1.6 U	2 U	2 U
Silver	2	390	84	MG/KG	0.99 U	0.88 U	0.87 U	0.83 U	1 U	1 U
Sodium	--	--	--	MG/KG	140 J	240	71 J	64 J	140 J	190 J
Thallium	--	5	14	MG/KG	2 U	1.8 U	1.7 U	1.6 U	2 U	2 U
Vanadium	--	78	72000	MG/KG	10	15	18	13	16	13
Zinc	109	23000	12000	MG/KG	17	210	58	17	22	21

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Red data indicates that parameter was detected above the PADEP Regulated Fill Concentration Limits

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017	03/15/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	39 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	39 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	39 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	48	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	41.5	36.3 U	38.2 U	37.3 U	39 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	42.8	36.3 U	38.2 U	23.5 J	37.5 J	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	25.9 J	36.3 U	38.2 U	10.4 J	43.8	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	39 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.6 U	36.3 U	38.2 U	37.3 U	39 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	110 J	36.3 U	38.2 U	33.9 J	129 J	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

U - Indicates that the compound was analyzed for but not detected

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1C	A-1C	A-1C	A-1D
					Sample Date:	03/15/2017	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.6 U	50.4	40.1 U	37.4 U	46.4 P	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	35.6 U	19.4 J	40.1 U	37.4 U	16.6 J	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.6 U	37.7 U	40.1 U	37.4 U	37.4 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	35.6 U	69.8 J	40.1 U	37.4 U	63 J	

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P - The RPD between the results for the two columns exceeds the method-specified criteria

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1D	A-1D	A-2A	A-2A	A-2A
					Sample Date:	03/10/2017	03/10/2017	03/07/2017	03/13/2017	03/15/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	37.9 U	39.7 U	70.4	50.6	37.6 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	37.9 U	39.7 U	67.9	36.5 U	37.6 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.9 U	39.7 U	36.8 U	36.5 U	37.6 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	37.9 U	39.7 U	138	50.6	37.6 U	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/07/2017	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	35.7 U	34.3 U	17.1 J	37.3 U	35.8 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	35.7 U	34.3 U	15.3 J	37.3 U	35.8 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	35.7 U	34.3 U	35.1 U	37.3 U	35.8 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	35.7 U	34.3 U	32.4 J	37.3 U	35.8 U	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B	A-7
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	38.7 U	38.1 U	149	39.2 U	37.6 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	38.7 U	38.1 U	69.2	39.2 U	37.6 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	15 J	38.1 U	16.4 J	39.2 U	37.6 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	38.7 U	38.1 U	36.6 U	39.2 U	37.6 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	15 J	38.1 U	235 J	39.2 U	37.6 U	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

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

SCO - Soil Cleanup Objectives

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PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

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Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	VAULT-1	VAULT-1	VAULT-2
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	12 - 18	0 - 6	6 - 12	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	17.6 J	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	11.1 J	35.1 U	16.1 J	38.4 U	11.5 J	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	37.4 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	38.3 U	35.1 U	35.1 U	38.4 U	6.72 J	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	28.7 J	35.1 U	16.1 J	38.4 U	18.2 J	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-2	B-1	B-1	B-1	B-1
					Sample Date:	03/10/2017	03/06/2017	03/09/2017	03/09/2017	03/09/2017
					Sample Depth (ft bls):	6 - 12	0 - 5	5 - 10	10 - 15	15 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	37.9 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	37.9 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	37.9 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	38.8 U	36.8 U	302 P	239	112	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	37.9 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	38.8 U	49.8	194	194	123	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	38.8 U	31.3 J	31.7 J	28.2 J	22.8 J	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	37.9 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	38.8 U	36.8 U	39.4 U	38.2 U	7.28 J	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	38.8 U	81.1 J	528 J	461 J	265 J	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	0 - 5	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	41.4 U	2770 P	6590	599 P	36.5 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	45.2	413 U	749 U	200 U	120	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	29.1 J	119 J	160 J	200 U	27.3 J	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	41.4 U	413 U	749 U	200 U	36.5 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	74.3 J	2890 J	6750 J	599	147 J	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5	5 - 10
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	740	196	11.3 J	16.6 J	36.9 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	190 U	37.1 U	40.7 U	5.76 J	36.9 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	190 U	37.1 U	40.7 U	34.2 U	36.9 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	740	196	11.3 J	22.4 J	36.9 U	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3B	B-3B	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	10 - 15	15 - 22	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	33.4 U	40.9 U	431	62.5	36 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	33.4 U	40.9 U	38.6 U	9.13 J	36 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	33.4 U	40.9 U	38.6 U	35.8 U	36 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	33.4 U	40.9 U	431	71.6 J	36 U	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3C	B-3C	B-3C	B-3C
					Sample Date:	03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	15 - 22	0 - 5	5 - 10	10 - 15	15 - 22
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	40.5 U	36 U	37 U	35.3 U	40.4 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	40.5 U	36 U	37 U	35.3 U	40.4 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	40.5 U	36 U	37 U	35.3 U	40.4 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	40.5 U	36 U	34.2 J	35.3 U	40.4 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	40.5 U	36 U	37 U	35.3 U	40.4 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	40.5 U	36 U	47.7	35.3 U	40.4 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	40.5 U	36 U	36.4 J	10.3 J	40.4 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	40.5 U	36 U	37 U	35.3 U	40.4 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	40.5 U	36 U	16 J	35.3 U	40.4 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	40.5 U	36 U	134 J	10.3 J	40.4 U	

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	0 - 5	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	37.5 U	37.2 U	36.9 U	42.4 U	36.7 U	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5	5 - 10
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	42.1	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	34.9 U	34.6 U	38.4 U	36.7 U	39.1 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	42.1	34.6 U	38.4 U	36.7 U	39.1 U	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

U - Indicates that the compound was analyzed for but not detected

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Shaded data indicates that parameter was detected above the NJDEP Residential Soil

Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	10 - 15	15 - 23	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	41.3 U	42.6 U	36.9 U	35.8 U	34 U	

J - Estimated value

P - The RPD between the results for the two columns exceeds the method-specified criteria

U - Indicates that the compound was analyzed for but not detected

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ft bls - Feet below land surface

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-- No SCO or Standards available

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Direct Contact Remediation Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017
					Sample Depth (ft bls):	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
PCB-1016 (Aroclor 1016)	--	--	200000	UG/KG	43.4 U	42 U	
PCB-1221 (Aroclor 1221)	--	--	2500	UG/KG	43.4 U	42 U	
PCB-1232 (Aroclor 1232)	--	--	2000	UG/KG	43.4 U	42 U	
PCB-1242 (Aroclor 1242)	--	--	62000	UG/KG	43.4 U	42 U	
PCB-1248 (Aroclor 1248)	--	--	44000	UG/KG	43.4 U	42 U	
PCB-1254 (Aroclor 1254)	--	--	44000	UG/KG	43.4 U	42 U	
PCB-1260 (Aroclor 1260)	--	--	130000	UG/KG	43.4 U	42 U	
PCB-1262 (Aroclor 1262)	--	--	--	UG/KG	43.4 U	42 U	
PCB-1268 (Aroclor 1268)	--	--	--	UG/KG	43.4 U	42 U	
Polychlorinated Biphenyl (PCBs)	100	200	--	UG/KG	43.4 U	42 U	

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Direct Contact Remediation Standards

Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	187 U	183 U	190 U	190 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	187 U	183 U	190 U	190 U	
Aldrin	5	40	440	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.71 U	0.73 U	0.73 U	3.63 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Beta Endosulfan	2400	470000	260000	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Chlordane	--	200	49000	UG/KG	47.9 JPI	14.2 U	14.2 U	126 P	
cis-Chlordane	94	200	--	UG/KG	5.67 J	2.19 U	2.19 U	10.5 J	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Dieldrin	5	40	440	UG/KG	5.57 U	1.09 U	1.09 U	5.45 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.71 U	0.73 U	0.73 U	3.63 U	
Endrin	14	23000	5500	UG/KG	3.71 U	0.73 U	0.73 U	3.63 U	
Endrin Aldehyde	--	--	--	UG/KG	11.1 U	2.19 U	2.19 U	10.9 U	
Endrin Ketone	--	--	--	UG/KG	8.91 U	1.75 U	1.75 U	8.72 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.71 U	0.73 U	0.73 U	3.63 U	
Heptachlor	42	100	680	UG/KG	4.45 U	0.876 U	0.876 U	4.36 U	
Heptachlor Epoxide	--	70	1100	UG/KG	16.7 U	3.28 U	3.28 U	16.3 U	
Methoxychlor	--	390000	630000	UG/KG	16.7 U	3.28 U	3.28 U	16.3 U	
P,P'-DDD	3.3	3000	30000	UG/KG	7.64 J	1.75 U	1.75 U	3.36 J	
P,P'-DDE	3.3	2000	170000	UG/KG	6.81 J	1.75 U	1.75 U	22.3	
P,P'-DDT	3.3	2000	230000	UG/KG	17.7	3.28 U	3.28 U	33.4	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	187 U	183 U	190 U	190 U	
Toxaphene	--	600	1200	UG/KG	167 U	32.8 U	32.8 U	163 U	
trans-Chlordane	--	200	--	UG/KG	4.5 JPI	2.19 U	2.19 U	10.8 JPI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	194 U	181 U	189 U	200 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	194 U	181 U	189 U	200 U	
Aldrin	5	40	440	UG/KG	1.85 U	1.69 U	8.93 U	1.9 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.771 U	0.706 U	3.72 U	0.79 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.85 U	1.69 U	8.93 U	1.9 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.85 U	1.69 U	8.93 U	1.9 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.85 U	1.69 U	8.93 U	3.78 PI	
Chlordane	--	200	49000	UG/KG	15 U	13.8 U	72.5 U	15.4 U	
cis-Chlordane	94	200	--	UG/KG	1.77 J	2.12 U	13.6	8.79	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.85 U	1.69 U	8.93 U	1.9 U	
Dieldrin	5	40	440	UG/KG	1.16 U	1.06 U	5.58 U	7.73 PI	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.771 U	0.706 U	3.72 U	0.79 U	
Endrin	14	23000	5500	UG/KG	0.771 U	0.706 U	3.72 U	0.79 U	
Endrin Aldehyde	--	--	--	UG/KG	2.31 U	2.12 U	11.2 U	2.37 U	
Endrin Ketone	--	--	--	UG/KG	1.85 U	1.69 U	8.93 U	1.9 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.771 U	0.706 U	3.72 U	0.79 U	
Heptachlor	42	100	680	UG/KG	0.925 U	0.847 U	4.46 U	0.948 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.47 U	3.18 U	16.7 U	3.56 U	
Methoxychlor	--	390000	630000	UG/KG	3.47 U	3.18 U	16.7 U	3.56 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.85 U	1.69 U	8.93 U	4.22	
P,P'-DDE	3.3	2000	170000	UG/KG	18.8	1.69 U	16.5	106	
P,P'-DDT	3.3	2000	230000	UG/KG	94.6	3.18 U	32.7	326	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	194 U	181 U	189 U	200 U	
Toxaphene	--	600	1200	UG/KG	34.7 U	31.8 U	167 U	35.6 U	
trans-Chlordane	--	200	--	UG/KG	2.36 PI	2.12 U	8.14 JPI	5.3 PI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	194 U	190 U	196 U	199 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	194 U	190 U	196 U	199 U	
Aldrin	5	40	440	UG/KG	1.85 U	9 U	1.86 U	1.88 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.772 U	3.75 U	0.774 U	0.784 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.85 U	9 U	1.86 U	1.88 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.85 U	9 U	1.86 U	1.88 U	
Beta Endosulfan	2400	470000	260000	UG/KG	2.22 PI	9 U	1.86 U	4.95 PI	
Chlordane	--	200	49000	UG/KG	34.7 PI	73.2 U	1320	171 PI	
cis-Chlordane	94	200	--	UG/KG	4.31	16.4 P	142	56.7	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.85 U	9 U	1.86 U	1.88 U	
Dieldrin	5	40	440	UG/KG	1.16 U	17.1	221	37.8 PI	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.772 U	3.75 U	0.774 U	0.784 U	
Endrin	14	23000	5500	UG/KG	0.772 U	3.75 U	0.774 U	0.784 U	
Endrin Aldehyde	--	--	--	UG/KG	2.32 U	11.2 U	2.32 U	2.35 U	
Endrin Ketone	--	--	--	UG/KG	1.85 U	9 U	1.86 U	1.88 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.772 U	3.75 U	0.774 U	0.784 U	
Heptachlor	42	100	680	UG/KG	0.926 U	4.5 U	0.929 U	0.94 U	
Heptachlor Epoxide	--	70	1100	UG/KG	5.3	16.9 U	15.2 PI	5.58	
Methoxychlor	--	390000	630000	UG/KG	3.47 U	16.9 U	3.48 U	3.53 U	
P,P'-DDD	3.3	3000	30000	UG/KG	7.37	11.6	64.9 P	12.3	
P,P'-DDE	3.3	2000	170000	UG/KG	81.9	23.8 P	211	78.7 P	
P,P'-DDT	3.3	2000	230000	UG/KG	325	51.8	1990	240	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	194 U	190 U	196 U	199 U	
Toxaphene	--	600	1200	UG/KG	34.7 U	169 U	34.8 U	35.3 U	
trans-Chlordane	--	200	--	UG/KG	3.02 PI	16.6 PI	NA	36.7 PI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	186 U	186 U	188 U	186 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	186 U	186 U	188 U	186 U	
Aldrin	5	40	440	UG/KG	9.06 U	8.8 U	1.81 U	7.4 J	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.77 U	3.66 U	0.755 U	3.58 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
Beta Endosulfan	2400	470000	260000	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
Chlordane	--	200	49000	UG/KG	73.6 U	71.5 U	14.7 U	813	
cis-Chlordane	94	200	--	UG/KG	11.3 U	11 U	2.27 U	110 P	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
Dieldrin	5	40	440	UG/KG	5.66 U	5.5 U	1.13 U	13	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.77 U	3.66 U	0.755 U	3.58 U	
Endrin	14	23000	5500	UG/KG	3.77 U	3.66 U	0.755 U	3.58 U	
Endrin Aldehyde	--	--	--	UG/KG	11.3 U	11 U	2.27 U	10.7 U	
Endrin Ketone	--	--	--	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.77 U	3.66 U	0.755 U	3.58 U	
Heptachlor	42	100	680	UG/KG	4.53 U	4.4 U	0.906 U	17.2	
Heptachlor Epoxide	--	70	1100	UG/KG	17 U	16.5 U	3.4 U	16.1 U	
Methoxychlor	--	390000	630000	UG/KG	17 U	16.5 U	3.4 U	16.1 U	
P,P'-DDD	3.3	3000	30000	UG/KG	9.06 U	8.8 U	1.81 U	8.59 U	
P,P'-DDE	3.3	2000	170000	UG/KG	9.06 U	8.8 U	1.81 U	14 P	
P,P'-DDT	3.3	2000	230000	UG/KG	22.5 P	69.3	3.4 U	76.2	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	186 U	186 U	188 U	186 U	
Toxaphene	--	600	1200	UG/KG	170 U	165 U	34 U	161 U	
trans-Chlordane	--	200	--	UG/KG	11.3 U	11 U	2.27 U	178 P	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	175 U	180 U	189 U	186 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	175 U	180 U	189 U	186 U	
Aldrin	5	40	440	UG/KG	1.69 U	8.71 U	1.79 U	1.74 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.705 U	3.63 U	0.746 U	0.725 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.69 U	8.71 U	1.79 U	1.74 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.69 U	8.71 U	1.79 U	1.74 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.69 U	8.71 U	8.19 PI	1.74 U	
Chlordane	--	200	49000	UG/KG	13.7 U	56.6 JPI	14.5 U	14.1 U	
cis-Chlordane	94	200	--	UG/KG	2.12 U	7.15 J	2.24 U	2.17 U	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.69 U	8.71 U	1.79 U	1.74 U	
Dieldrin	5	40	440	UG/KG	8.92	5.45 U	1.12 U	1.09 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.705 U	3.63 U	0.746 U	0.725 U	
Endrin	14	23000	5500	UG/KG	0.705 U	3.63 U	0.746 U	0.725 U	
Endrin Aldehyde	--	--	--	UG/KG	2.12 U	10.9 U	2.24 U	2.17 U	
Endrin Ketone	--	--	--	UG/KG	1.69 U	8.71 U	1.79 U	1.74 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.705 U	3.63 U	0.746 U	0.725 U	
Heptachlor	42	100	680	UG/KG	0.846 U	4.36 U	2.78	0.87 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.17 U	16.3 U	3.36 U	3.26 U	
Methoxychlor	--	390000	630000	UG/KG	3.17 U	16.3 U	3.36 U	3.26 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.96	8.71 U	1.79 U	1.74 U	
P,P'-DDE	3.3	2000	170000	UG/KG	4.48	8.71 U	1.79 U	1.74 U	
P,P'-DDT	3.3	2000	230000	UG/KG	20.6	16.3 U	3.36 U	3.26 U	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	175 U	180 U	189 U	186 U	
Toxaphene	--	600	1200	UG/KG	31.7 U	163 U	33.6 U	32.6 U	
trans-Chlordane	--	200	--	UG/KG	2.12 U	6.69 JPI	2.24 U	2.17 U	

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					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	188 U	196 U	182 U	201 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	188 U	196 U	182 U	201 U	
Aldrin	5	40	440	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.8 U	0.762 U	3.58 U	0.788 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
Beta Endosulfan	2400	470000	260000	UG/KG	9.13 U	2.68 PI	8.6 U	1.89 U	
Chlordane	--	200	49000	UG/KG	31.9 JPI	14.9 U	69.9 U	15.4 U	
cis-Chlordane	94	200	--	UG/KG	11.4 U	3.12	5.36 J	1.36 J	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
Dieldrin	5	40	440	UG/KG	5.71 U	6.52	5.38 U	1.18 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.8 U	0.762 U	3.58 U	0.788 U	
Endrin	14	23000	5500	UG/KG	3.8 U	0.762 U	3.58 U	0.788 U	
Endrin Aldehyde	--	--	--	UG/KG	11.4 U	2.29 U	10.8 U	2.36 U	
Endrin Ketone	--	--	--	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.8 U	0.762 U	3.58 U	0.788 U	
Heptachlor	42	100	680	UG/KG	4.56 U	0.915 U	4.3 U	0.945 U	
Heptachlor Epoxide	--	70	1100	UG/KG	17.1 U	3.43 U	16.1 U	3.54 U	
Methoxychlor	--	390000	630000	UG/KG	17.1 U	3.43 U	16.1 U	3.54 U	
P,P'-DDD	3.3	3000	30000	UG/KG	9.13 U	1.83 U	8.6 U	1.89 U	
P,P'-DDE	3.3	2000	170000	UG/KG	2.62 J	3.8 PI	8.6 U	0.789 J	
P,P'-DDT	3.3	2000	230000	UG/KG	17.1 U	4.2	8.7 J	3.52 J	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	188 U	196 U	182 U	201 U	
Toxaphene	--	600	1200	UG/KG	171 U	34.3 U	161 U	35.4 U	
trans-Chlordane	--	200	--	UG/KG	11.4 U	1.48 JPI	4.34 JPI	1.49 J	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 18	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	191 U	194 U	187 U	180 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	191 U	194 U	187 U	180 U	
Aldrin	5	40	440	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.86 U	0.788 U	0.744 U	3.59 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Beta Endosulfan	2400	470000	260000	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Chlordane	--	200	49000	UG/KG	36.5 JPI	15.4 U	14.5 U	31.2 JPI	
cis-Chlordane	94	200	--	UG/KG	11.6 U	2.36 U	2.23 U	10.8 U	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Dieldrin	5	40	440	UG/KG	5.79 U	1.18 U	1.12 U	5.39 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.86 U	0.788 U	0.744 U	3.59 U	
Endrin	14	23000	5500	UG/KG	3.86 U	0.788 U	0.744 U	3.59 U	
Endrin Aldehyde	--	--	--	UG/KG	11.6 U	2.36 U	2.23 U	10.8 U	
Endrin Ketone	--	--	--	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.86 U	0.788 U	0.744 U	3.59 U	
Heptachlor	42	100	680	UG/KG	4.63 U	0.945 U	0.892 U	4.31 U	
Heptachlor Epoxide	--	70	1100	UG/KG	17.4 U	3.54 U	3.35 U	16.2 U	
Methoxychlor	--	390000	630000	UG/KG	17.4 U	3.54 U	3.35 U	16.2 U	
P,P'-DDD	3.3	3000	30000	UG/KG	9.26 U	1.89 U	1.78 U	8.62 U	
P,P'-DDE	3.3	2000	170000	UG/KG	6.63 J	4.48 P	1.78 U	8.62 U	
P,P'-DDT	3.3	2000	230000	UG/KG	7.47 J	3.54 U	3.35 U	16.2 U	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	191 U	194 U	187 U	180 U	
Toxaphene	--	600	1200	UG/KG	174 U	35.4 U	33.5 U	162 U	
trans-Chlordane	--	200	--	UG/KG	11.6 U	2.36 U	2.23 U	10.8 U	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	192 U	186 U	199 U	190 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	192 U	186 U	199 U	190 U	
Aldrin	5	40	440	UG/KG	1.8 U	8.61 U	1.86 U	8.86 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.752 U	3.59 U	0.776 U	3.69 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.8 U	8.61 U	1.86 U	8.86 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.8 U	8.61 U	1.86 U	8.86 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.8 U	8.61 U	2.66 PI	8.86 U	
Chlordane	--	200	49000	UG/KG	14.7 U	40.3 JPI	75.5 PI	290	
cis-Chlordane	94	200	--	UG/KG	2.26 U	4.3 J	17.1	31.6 PI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.8 U	8.61 U	1.86 U	8.86 U	
Dieldrin	5	40	440	UG/KG	1.13 U	5.38 U	16.1 PI	5.53 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.752 U	3.59 U	0.776 U	3.69 U	
Endrin	14	23000	5500	UG/KG	0.752 U	3.59 U	0.776 U	3.69 U	
Endrin Aldehyde	--	--	--	UG/KG	2.26 U	10.8 U	2.33 U	11.1 U	
Endrin Ketone	--	--	--	UG/KG	1.8 U	8.61 U	1.86 U	8.86 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.752 U	3.59 U	0.776 U	3.69 U	
Heptachlor	42	100	680	UG/KG	0.902 U	4.3 U	0.932 U	4.43 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.38 U	16.1 U	3.49 U	7.83 J	
Methoxychlor	--	390000	630000	UG/KG	3.38 U	16.1 U	3.49 U	16.6 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.82	8.61 U	15.3	8.86 U	
P,P'-DDE	3.3	2000	170000	UG/KG	1.01 J	4.13 J	49 P	58.2	
P,P'-DDT	3.3	2000	230000	UG/KG	4.89	12.8 J	291	315	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	192 U	186 U	199 U	190 U	
Toxaphene	--	600	1200	UG/KG	33.8 U	161 U	34.9 U	166 U	
trans-Chlordane	--	200	--	UG/KG	2.26 U	5.24 JPI	10.9 PI	57.5	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	197 U	193 U	193 U	210 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	197 U	193 U	193 U	210 U	
Aldrin	5	40	440	UG/KG	9.34 U	9.09 U	1.84 U	10.1 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.89 U	3.79 U	0.767 U	4.22 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	9.34 U	9.09 U	1.84 U	10.1 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	9.34 U	9.09 U	1.84 U	10.1 U	
Beta Endosulfan	2400	470000	260000	UG/KG	9.34 U	9.09 U	4.46 PI	10.1 U	
Chlordane	--	200	49000	UG/KG	189 PI	73.9 U	15 U	345	
cis-Chlordane	94	200	--	UG/KG	34.9 P	28.2 P	28.4	23 PI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	9.34 U	7.44 J	1.84 U	10.1 U	
Dieldrin	5	40	440	UG/KG	45.9 P	33.4	74.2 P	6.34 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.89 U	3.79 U	0.767 U	4.22 U	
Endrin	14	23000	5500	UG/KG	3.89 U	3.79 U	0.767 U	4.22 U	
Endrin Aldehyde	--	--	--	UG/KG	11.7 U	11.4 U	2.3 U	12.7 U	
Endrin Ketone	--	--	--	UG/KG	9.34 U	9.09 U	1.84 U	10.1 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.89 U	3.79 U	0.767 U	4.22 U	
Heptachlor	42	100	680	UG/KG	4.67 U	4.54 U	0.921 U	5.07 U	
Heptachlor Epoxide	--	70	1100	UG/KG	17.5 U	17 U	3.45 U	8.61 J	
Methoxychlor	--	390000	630000	UG/KG	17.5 U	17 U	3.45 U	19 U	
P,P'-DDD	3.3	3000	30000	UG/KG	9.34 U	19.4 P	13.6	11.4 PI	
P,P'-DDE	3.3	2000	170000	UG/KG	40.3 P	32.3 P	75.2 PI	77.6	
P,P'-DDT	3.3	2000	230000	UG/KG	174	184	328	541	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	197 U	193 U	193 U	210 U	
Toxaphene	--	600	1200	UG/KG	175 U	170 U	34.5 U	190 U	
trans-Chlordane	--	200	--	UG/KG	23.4 PI	15 PI	15.2 PI	12.7 U	

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					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	208 U	193 U	201 U	183 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	208 U	193 U	201 U	183 U	
Aldrin	5	40	440	UG/KG	1.97 U	1.86 U	1.88 U	8.73 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.82 U	0.777 U	0.785 U	3.64 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.97 U	1.86 U	1.88 U	8.73 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.97 U	1.86 U	1.88 U	8.73 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.74 JPI	1.86 U	1.88 U	8.68 JPI	
Chlordane	--	200	49000	UG/KG	16 U	15.2 U	15.3 U	426	
cis-Chlordane	94	200	--	UG/KG	7.77	8.04	2.36 U	24.2 PI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.97 U	1.86 U	1.88 U	8.73 U	
Dieldrin	5	40	440	UG/KG	20.3	33.3 P	1.39 P	57.2 PI	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.82 U	0.777 U	0.785 U	3.64 U	
Endrin	14	23000	5500	UG/KG	0.82 U	0.777 U	0.785 U	3.64 U	
Endrin Aldehyde	--	--	--	UG/KG	2.46 U	2.33 U	2.36 U	10.9 U	
Endrin Ketone	--	--	--	UG/KG	1.97 U	1.86 U	1.88 U	8.73 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.82 U	0.777 U	0.785 U	3.64 U	
Heptachlor	42	100	680	UG/KG	0.984 U	0.932 U	0.942 U	4.36 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.69 U	3.5 U	3.53 U	10.5 J	
Methoxychlor	--	390000	630000	UG/KG	3.69 U	3.5 U	3.53 U	16.4 U	
P,P'-DDD	3.3	3000	30000	UG/KG	11.1	1.86 U	1.88 U	8.73 U	
P,P'-DDE	3.3	2000	170000	UG/KG	13.9 PI	21.6 PI	1.69 J	42.1	
P,P'-DDT	3.3	2000	230000	UG/KG	47.8	81.5	1.8 J	245	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	208 U	193 U	201 U	183 U	
Toxaphene	--	600	1200	UG/KG	36.9 U	35 U	35.3 U	164 U	
trans-Chlordane	--	200	--	UG/KG	5.94 PI	5.47 PI	2.36 U	29.2 PI	

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					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	203 U	185 U	204 U	178 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	203 U	185 U	204 U	178 U	
Aldrin	5	40	440	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	3.98 U	3.73 U	0.788 U	3.51 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
Beta Endosulfan	2400	470000	260000	UG/KG	9.76 PI	8.96 U	1.89 U	8.42 U	
Chlordane	--	200	49000	UG/KG	77.6 U	72.8 U	15.4 U	68.4 U	
cis-Chlordane	94	200	--	UG/KG	7.58 J	11.2 U	2.36 U	6.62 JPI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
Dieldrin	5	40	440	UG/KG	56.2 P	5.6 U	1.18 U	5.26 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	3.98 U	3.73 U	0.788 U	3.51 U	
Endrin	14	23000	5500	UG/KG	3.98 U	3.73 U	0.788 U	3.51 U	
Endrin Aldehyde	--	--	--	UG/KG	11.9 U	11.2 U	2.36 U	10.5 U	
Endrin Ketone	--	--	--	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	3.98 U	3.73 U	0.788 U	3.51 U	
Heptachlor	42	100	680	UG/KG	4.78 U	4.48 U	0.946 U	4.21 U	
Heptachlor Epoxide	--	70	1100	UG/KG	17.9 U	16.8 U	3.55 U	15.8 U	
Methoxychlor	--	390000	630000	UG/KG	17.9 U	16.8 U	3.55 U	15.8 U	
P,P'-DDD	3.3	3000	30000	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
P,P'-DDE	3.3	2000	170000	UG/KG	9.55 U	8.96 U	1.89 U	8.42 U	
P,P'-DDT	3.3	2000	230000	UG/KG	234 P	160	3.55 U	39.2	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	203 U	185 U	204 U	178 U	
Toxaphene	--	600	1200	UG/KG	179 U	168 U	35.5 U	158 U	
trans-Chlordane	--	200	--	UG/KG	8.39 JPI	11.2 U	2.36 U	10.5 U	

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					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	189 U	176 U	210 U	191 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	189 U	176 U	210 U	191 U	
Aldrin	5	40	440	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.765 U	0.701 U	0.826 U	7.68 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.84 U	1.68 U	1.98 U	8.98 JPI	
Chlordane	--	200	49000	UG/KG	14.9 U	13.7 U	16.1 U	150 U	
cis-Chlordane	94	200	--	UG/KG	2.29 U	2.1 U	2.48 U	10.2 J	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
Dieldrin	5	40	440	UG/KG	1.15 U	1.05 U	1.24 U	59	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.765 U	0.701 U	0.826 U	7.68 U	
Endrin	14	23000	5500	UG/KG	0.765 U	0.701 U	0.826 U	9.82	
Endrin Aldehyde	--	--	--	UG/KG	2.29 U	2.1 U	2.48 U	23 U	
Endrin Ketone	--	--	--	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.765 U	0.701 U	0.826 U	7.68 U	
Heptachlor	42	100	680	UG/KG	0.918 U	0.841 U	0.992 U	9.21 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.44 U	3.15 U	3.72 U	34.6 U	
Methoxychlor	--	390000	630000	UG/KG	3.44 U	3.15 U	3.72 U	34.6 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.84 U	1.68 U	1.98 U	18.4 U	
P,P'-DDE	3.3	2000	170000	UG/KG	0.95 JPI	1.68 U	1.98 U	18.4 U	
P,P'-DDT	3.3	2000	230000	UG/KG	5.32	3.15 U	3.72 U	193 P	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	189 U	176 U	210 U	191 U	
Toxaphene	--	600	1200	UG/KG	34.4 U	31.5 U	37.2 U	346 U	
trans-Chlordane	--	200	--	UG/KG	0.986 JPI	2.1 U	2.48 U	8.87 JPI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	182 U	183 U	211 U	189 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	182 U	183 U	211 U	189 U	
Aldrin	5	40	440	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.707 U	0.705 U	0.824 U	3.62 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Chlordane	--	200	49000	UG/KG	16.5	13.8 U	16.1 U	129	
cis-Chlordane	94	200	--	UG/KG	1.62 J	2.12 U	2.47 U	19.1 P	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Dieldrin	5	40	440	UG/KG	2.46	1.06 U	1.24 U	66.4	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.707 U	0.705 U	0.824 U	3.62 U	
Endrin	14	23000	5500	UG/KG	0.707 U	0.705 U	0.824 U	3.62 U	
Endrin Aldehyde	--	--	--	UG/KG	2.12 U	2.12 U	2.47 U	10.9 U	
Endrin Ketone	--	--	--	UG/KG	1.7 U	1.69 U	1.98 U	8.69 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.707 U	0.705 U	0.824 U	3.62 U	
Heptachlor	42	100	680	UG/KG	0.849 U	0.846 U	0.989 U	4.34 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.18 U	3.17 U	3.71 U	16.3 U	
Methoxychlor	--	390000	630000	UG/KG	3.18 U	3.17 U	3.71 U	16.3 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.7 U	1.69 U	1.98 U	10.2 P	
P,P'-DDE	3.3	2000	170000	UG/KG	0.973 JPI	1.69 U	1.98 U	74.5	
P,P'-DDT	3.3	2000	230000	UG/KG	2.51 JPI	3.17 U	3.71 U	568	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	182 U	183 U	211 U	189 U	
Toxaphene	--	600	1200	UG/KG	31.8 U	31.7 U	37.1 U	163 U	
trans-Chlordane	--	200	--	UG/KG	1.54 J	2.12 U	2.47 U	22.2	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	186 U	184 U	202 U	186 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	186 U	184 U	202 U	186 U	
Aldrin	5	40	440	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.742 U	0.704 U	0.776 U	3.74 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Chlordane	--	200	49000	UG/KG	26 P	16.2 PI	15.1 U	194	
cis-Chlordane	94	200	--	UG/KG	3.02 P	2.77	2.33 U	27.4 PI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Dieldrin	5	40	440	UG/KG	7.09	9.15	3.53	5.62 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.742 U	0.704 U	0.776 U	3.74 U	
Endrin	14	23000	5500	UG/KG	0.742 U	0.704 U	0.776 U	3.74 U	
Endrin Aldehyde	--	--	--	UG/KG	2.23 U	2.11 U	2.33 U	11.2 U	
Endrin Ketone	--	--	--	UG/KG	1.78 U	1.69 U	1.86 U	8.98 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.742 U	0.704 U	0.776 U	3.74 U	
Heptachlor	42	100	680	UG/KG	0.891 U	0.844 U	0.931 U	4.49 U	
Heptachlor Epoxide	--	70	1100	UG/KG	2.56 J	3.17 U	3.49 U	16.8 U	
Methoxychlor	--	390000	630000	UG/KG	3.34 U	3.17 U	3.49 U	16.8 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.78 U	1.69 U	1.86 U	21.4	
P,P'-DDE	3.3	2000	170000	UG/KG	8.05	5.41	1.08 J	75.9	
P,P'-DDT	3.3	2000	230000	UG/KG	25.6	23.9	3.52 PI	316	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	186 U	184 U	202 U	186 U	
Toxaphene	--	600	1200	UG/KG	33.4 U	31.7 U	34.9 U	168 U	
trans-Chlordane	--	200	--	UG/KG	2.47	2.08 JPI	2.33 U	30.5 PI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	193 U	190 U	215 U	193 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	193 U	190 U	215 U	193 U	
Aldrin	5	40	440	UG/KG	1.84 U	1.82 U	2.07 U	9.23 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.766 U	0.759 U	0.863 U	3.84 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.84 U	1.82 U	2.07 U	9.23 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.84 U	1.82 U	2.07 U	9.23 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.84 U	1.82 U	2.07 U	9.47 PI	
Chlordane	--	200	49000	UG/KG	14.9 U	14.8 U	16.8 U	136	
cis-Chlordane	94	200	--	UG/KG	2.3 U	2.28 U	2.59 U	29.1 P	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.84 U	1.82 U	2.07 U	9.23 U	
Dieldrin	5	40	440	UG/KG	1.15 U	1.14 U	1.3 U	5.77 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.766 U	0.759 U	0.863 U	3.84 U	
Endrin	14	23000	5500	UG/KG	0.766 U	0.759 U	0.863 U	3.84 U	
Endrin Aldehyde	--	--	--	UG/KG	2.3 U	2.28 U	2.59 U	11.5 U	
Endrin Ketone	--	--	--	UG/KG	1.84 U	1.82 U	2.07 U	9.23 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.766 U	0.759 U	0.863 U	3.84 U	
Heptachlor	42	100	680	UG/KG	0.919 U	0.911 U	1.04 U	4.62 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.45 U	3.42 U	3.88 U	6.44 J	
Methoxychlor	--	390000	630000	UG/KG	3.45 U	3.42 U	3.88 U	17.3 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.84 U	1.82 U	2.07 U	22.9 P	
P,P'-DDE	3.3	2000	170000	UG/KG	1.84 U	1.82 U	2.07 U	36.5 P	
P,P'-DDT	3.3	2000	230000	UG/KG	3.45 U	3.42 U	3.88 U	140	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	193 U	190 U	215 U	193 U	
Toxaphene	--	600	1200	UG/KG	34.5 U	34.2 U	38.8 U	173 U	
trans-Chlordane	--	200	--	UG/KG	2.3 U	2.28 U	2.59 U	18.3 PI	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	175 U	172 U	194 U	187 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	175 U	172 U	194 U	187 U	
Aldrin	5	40	440	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.702 U	0.67 U	0.745 U	7.22 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Chlordane	--	200	49000	UG/KG	10.4 J	13.8	9.41 J	176	
cis-Chlordane	94	200	--	UG/KG	0.98 J	1.27 J	2.23 U	26	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Dieldrin	5	40	440	UG/KG	1.05 U	1 U	1.12 U	40.4 PI	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.702 U	0.67 U	0.745 U	7.22 U	
Endrin	14	23000	5500	UG/KG	0.702 U	0.67 U	0.745 U	7.22 U	
Endrin Aldehyde	--	--	--	UG/KG	2.1 U	2.01 U	2.23 U	21.7 U	
Endrin Ketone	--	--	--	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.702 U	0.67 U	0.745 U	7.22 U	
Heptachlor	42	100	680	UG/KG	0.842 U	0.805 U	0.894 U	8.66 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.16 U	3.02 U	3.35 U	32.5 U	
Methoxychlor	--	390000	630000	UG/KG	3.16 U	3.02 U	3.35 U	32.5 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.68 U	1.61 U	1.79 U	17.3 U	
P,P'-DDE	3.3	2000	170000	UG/KG	0.58 J	0.791 J	1.79 U	38	
P,P'-DDT	3.3	2000	230000	UG/KG	5	5.36	3.35 U	352	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	175 U	172 U	194 U	187 U	
Toxaphene	--	600	1200	UG/KG	31.6 U	30.2 U	33.5 U	325 U	
trans-Chlordane	--	200	--	UG/KG	1.38 JPI	1.98 JPI	0.86 JPI	38.9	

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					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	194 U	213 U	215 U	181 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	194 U	213 U	215 U	181 U	
Aldrin	5	40	440	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.772 U	0.849 U	0.829 U	3.59 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Chlordane	--	200	49000	UG/KG	15 U	16.6 U	16.2 U	203 P	
cis-Chlordane	94	200	--	UG/KG	2.32 U	2.55 U	2.49 U	12 PI	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Dieldrin	5	40	440	UG/KG	1.16 U	1.27 U	1.24 U	5.39 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.772 U	0.849 U	0.829 U	3.59 U	
Endrin	14	23000	5500	UG/KG	0.772 U	0.849 U	0.829 U	3.59 U	
Endrin Aldehyde	--	--	--	UG/KG	2.32 U	2.55 U	2.49 U	10.8 U	
Endrin Ketone	--	--	--	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.772 U	0.849 U	0.829 U	3.59 U	
Heptachlor	42	100	680	UG/KG	0.926 U	1.02 U	0.994 U	4.31 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.47 U	3.82 U	3.73 U	16.2 U	
Methoxychlor	--	390000	630000	UG/KG	3.47 U	3.82 U	3.73 U	16.2 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.85 U	2.04 U	1.99 U	8.62 U	
P,P'-DDE	3.3	2000	170000	UG/KG	1.85 U	2.04 U	1.99 U	11.1 P	
P,P'-DDT	3.3	2000	230000	UG/KG	3.47 U	3.82 U	3.73 U	75.2	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	194 U	213 U	215 U	181 U	
Toxaphene	--	600	1200	UG/KG	34.7 U	38.2 U	37.3 U	162 U	
trans-Chlordane	--	200	--	UG/KG	2.32 U	2.55 U	2.49 U	17.3	

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Table 5. Summary of Pesticides and Herbicides in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	1800	UG/KG	182 U	174 U	217 U	215 U	
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	1500	UG/KG	182 U	174 U	217 U	215 U	
Aldrin	5	40	440	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	100	190	UG/KG	0.711 U	0.684 U	0.842 U	0.818 U	
Alpha Endosulfan	2400	470000	260000	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	400	820	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Beta Endosulfan	2400	470000	260000	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Chlordane	--	200	49000	UG/KG	11.4 J	8.56 J	9.33 J	16 U	
cis-Chlordane	94	200	--	UG/KG	2.13 U	2.05 U	2.53 U	2.45 U	
Delta BHC (Delta Hexachlorocyclohexane)	40	--	30000	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Dieldrin	5	40	440	UG/KG	0.591 J	1.03 U	1.26 U	1.23 U	
Endosulfan Sulfate	2400	470000	70000	UG/KG	0.711 U	0.684 U	0.842 U	0.818 U	
Endrin	14	23000	5500	UG/KG	0.711 U	0.684 U	0.842 U	0.818 U	
Endrin Aldehyde	--	--	--	UG/KG	2.13 U	2.05 U	2.53 U	2.45 U	
Endrin Ketone	--	--	--	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
Gamma Bhc (Lindane)	100	400	72	UG/KG	0.711 U	0.684 U	0.842 U	0.818 U	
Heptachlor	42	100	680	UG/KG	0.853 U	0.821 U	1.01 U	0.982 U	
Heptachlor Epoxide	--	70	1100	UG/KG	3.2 U	3.08 U	3.79 U	3.68 U	
Methoxychlor	--	390000	630000	UG/KG	3.2 U	3.08 U	3.79 U	3.68 U	
P,P'-DDD	3.3	3000	30000	UG/KG	1.71 U	1.64 U	2.02 U	1.96 U	
P,P'-DDE	3.3	2000	170000	UG/KG	5.72	0.548 J	2.02 U	1.96 U	
P,P'-DDT	3.3	2000	230000	UG/KG	13	2.23 J	3.79 U	3.68 U	
Silvex (2,4,5-TP)	3800	--	22000	UG/KG	182 U	174 U	217 U	215 U	
Toxaphene	--	600	1200	UG/KG	32 U	30.8 U	37.9 U	36.8 U	
trans-Chlordane	--	200	--	UG/KG	1.26 JPI	1.5 J	1.52 J	2.45 U	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

P - The RPD between the results for the two columns exceeds the method-specified criteria

I - The lower value for the two columns has been reported due to obvious interference

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standard

Shaded data indicates that parameter was detected above the NJDEP Residential Soil Direct Contact Remediation Standard

Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2700 U	2600 U	2600 U	2700 U	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	486	26.5 U	26 U	1640	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	576000	4360 J	37500 U	689000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1B	A-1C	A-1C
					Sample Date:	03/15/2017	03/15/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2900 U	2600 U	2700 U	1800 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	376	25.3 U	878	655	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	562000	12700 J	558000	485000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

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PA DEP - Pennsylvania Department of Environmental Protection

-- No SCO or Standards available

Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1C	A-1D	A-1D	A-1D
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2100 J	2700 U	2300 J	3100	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	390	490	884	2860	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	240000	479000	552000	459000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2A	A-2A	A-2A	A-2B
					Sample Date:	03/07/2017	03/13/2017	03/15/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2700 U	1100 J	2900 U	5600	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	534	1100	27.1 U	434	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	375000	533000	37200 U	506000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	990 J	1500 J	2100 J	2200 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	61.1	534	1010	43.5	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	63100	418000	1660000	37400	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2700 J	2700 J	1800 J	1600 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	638	3270	359	109	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	690000	352000	376000	31900 J	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	A-7	VAULT-1
					Sample Date:	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 18	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2800 U	2800 U	2500 U	2600 U	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	508	34.2	27.3 U	476	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	427000	49400	37000 U	178000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-1	VAULT-2	VAULT-2	B-1
					Sample Date:	03/10/2017	03/07/2017	03/10/2017	03/06/2017
					Sample Depth (ft bls):	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	890 J	2700 U	1100 J	1500 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	32.2	473	355	410	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	74100	217000	374000	834000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-1	B-1	B-1	B-2A
					Sample Date:	03/09/2017	03/09/2017	03/09/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1700 J	2100 J	1900 J	1400 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	671	963	1030	419	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	721000	653000	957000	426000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1800 J	2100 J	1400 J	1800 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	734	820	28.1 U	352	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	645000	830000	101000	163000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	34000	6100	1400 J	1300 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	1340	366	29.1 U	330	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	927000	306000	5630 J	390000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3A	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1300 J	810 J	1100 J	1800 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	27.4 U	25.2 U	118	993	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	112000	33900 U	6900 J	346000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3B	B-3B	B-3C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1300 J	1200 J	2500 J	2000 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	231	26.2 U	29.8 U	585	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	97100	59200	42200 U	664000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3C	B-3C	B-3C	B-4A
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2200 J	2300 J	1100 J	1500 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	365	153	45.4	372	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	406000	101000	18300 J	366000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1800 J	2800 U	3200 U	2800 U	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	28 U	27 U	30.4 U	542	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	67200	4860 J	9630 J	1000000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	1000 J	2500 J	1100 J	2500 U	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	24 U	44.6	26.7 U	1740	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	13400 J	43400	8880 J	1090000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

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-- No SCO or Standards available

Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-4C	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2800 J	1500 J	1400 J	1400 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	28.2 U	30.4 U	29.7 U	652	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	2100000	5040 J	42500 U	478000	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

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-- No SCO or Standards available

Table 6. Summary of Petroleum Hydrocarbons in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units					
Gasoline	--	--	--	UG/KG	2000 J	1700 J	3100 U	1900 J	
Total Extractable Petroleum Hydrocarbons	--	5100	--	MG/KG	25.4 U	24.1 U	30.2 U	29.6 U	
Total Petroleum Hydrocarbons	--	--	--	UG/KG	9620 J	6980 J	5440 J	41200 U	

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

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-- No SCO or Standards available

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			A-1A	A-1A	A-1A	A-1B	A-1B	A-1B	A-1C	A-1C
Sample Date:			03/07/2017	03/15/2017	03/15/2017	03/07/2017	03/15/2017	03/15/2017	03/07/2017	03/10/2017
Sample Depth (ft bls):			0 - 6	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.31 J	0.09 J	0.54	0.43 J	0.46 J	0.37 J	0.42 J	0.34 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.01
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 J
Lead	5	MG/L	0.5 U	0.5 U	0.23 J	0.17 J	0.5 U	0.5 U	0.5 U	1.3
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			A-1C	A-1D	A-1D	A-1D	A-2A	A-2A	A-2A	A-2B
Sample Date:			03/10/2017	03/07/2017	03/10/2017	03/10/2017	03/07/2017	03/13/2017	03/15/2017	03/07/2017
Sample Depth (ft bls):			12 - 21	0 - 6	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.28 J	0.39 J	0.38 J	0.41 J	0.41 J	0.26 J	0.42 J	0.38 J
Cadmium	1	MG/L	0.02 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.05 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.95	0.5 U	0.3 J	0.43 J	0.5 U	1.1	0.5 U	0.04 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			A-2B	A-4-5	A-4-5	A-4-5	A-6A	A-6A	A-6B	A-6B
Sample Date:			03/13/2017	03/07/2017	03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017	03/10/2017
Sample Depth (ft bls):			6 - 12	0 - 6	6 - 12	12 - 18	0 - 6	6 - 17	0 - 6	6 - 17
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.24 J	0.31 J	0.41 J	0.43 J	0.26 J	0.29 J	0.3 J	0.59
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 J	0.2 U
Lead	5	MG/L	0.5 U	0.5 U	0.14 J	0.04 J	0.5 U	0.5 U	0.5 U	0.03 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			A-7	A-7	A-7	VAULT-1	VAULT-1	VAULT-2	VAULT-2	B-1
Sample Date:			03/07/2017	03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017	03/10/2017	03/06/2017
Sample Depth (ft bls):			0 - 6	6 - 12	12 - 18	0 - 6	6 - 12	0 - 6	6 - 12	0 - 5
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.32 J	0.44 J	0.31 J	0.25 J	0.38 J	0.5	0.39 J	1.2
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.02 J	0.01 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.5 U	0.07 J	0.5 U	0.5 U	0.04 J	0.5 U	0.2 J	0.35 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.04 J	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/L - Milligrams per liter

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Agency Limits for RCRA Characteristic Waste for Toxicity

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			B-1	B-1	B-1	B-2A	B-2A	B-2A	B-2A	B-2B
Sample Date:			03/09/2017	03/09/2017	03/09/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):			5 - 10	10 - 15	15 - 20	0 - 5	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.73	0.64	0.81	1.3	0.78	0.48 J	0.52	0.61
Cadmium	1	MG/L	0.17	0.099 J	0.12	0.02 J	0.012	0.1 U	0.1 U	0.02 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 J
Lead	5	MG/L	0.18 J	0.1 J	0.2 J	1.1	0.19 J	0.15 J	0.5 U	0.27 J
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

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Agency Limits for RCRA Characteristic Waste for Toxicity

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			B-2B	B-2B	B-2B	B-3A	B-3A	B-3A	B-3A	B-3B
Sample Date:			03/13/2017	03/13/2017	03/13/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):			5 - 10	10 - 15	15 - 20	0 - 5	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	1.6	0.3 J	0.17 J	0.69	0.69	0.34 J	0.37 J	0.68
Cadmium	1	MG/L	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.21 J	0.5 U	0.5 U	0.08 J	0.09 J	0.5 U	0.03 J	0.5 U
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			B-3B	B-3B	B-3B	B-3C	B-3C	B-3C	B-3C	B-4A
Sample Date:			03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):			5 - 10	10 - 15	15 - 22	0 - 5	5 - 10	10 - 15	15 - 22	0 - 5
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.54	0.6	0.16 J	1.1	0.59	0.55	0.89	0.85
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.02 J	0.1 U	0.1 U	0.1 U	0.02 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.5 U	0.08 J	0.5 U	0.35 J	1.2	0.03 J	0.5 U	0.67
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			B-4A	B-4A	B-4A	B-4B	B-4B	B-4B	B-4B	B-4C
Sample Date:			03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
Sample Depth (ft bls):			5 - 10	10 - 15	15 - 23	0 - 5	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.17 J	0.23 J	0.22 J	1.7	0.32 J	0.63	0.36 J	0.76
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.04 J	0.1 U	0.1 U	0.1 U	0.02 J
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 J
Lead	5	MG/L	0.5 U	0.5 U	0.5 U	2.1	0.5 U	0.07 J	0.5 U	0.66
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.04 J
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 7. Summary of TCLP Metals in Soil, La Central Redevelopment Site, Bronx, New York

Sample Designation:			B-4C	B-4C	B-4C	B-5	B-5	B-5	B-5	B-5
Sample Date:			03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/08/2017
Sample Depth (ft bls):			5 - 10	10 - 15	15 - 23	0 - 5	5 - 10	10 - 15	15 - 20	20 - 24
Parameter	USEPA Regulatory Levels (mg/L)	Units								
Arsenic	5	MG/L	1 U	1 U	1 U	0.05 J	1 U	1 U	1 U	1 U
Barium	100	MG/L	0.69	0.13 J	0.48 J	0.33 J	1	0.29 J	0.21 J	0.36 J
Cadmium	1	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium, Total	5	MG/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lead	5	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U	0.5 U
Mercury	0.2	MG/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Selenium	1	MG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Silver	5	MG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 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

RCRA - Resource Conservation and Recovery Act

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1A	A-1A	A-1A	A-1B	A-1B
					Sample Date:	03/07/2017	03/15/2017	03/15/2017	03/07/2017	03/15/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	12 - 21	0 - 6	6 - 12
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	9.4	7.9	7.6	8.6	11.4	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1B	A-1C	A-1C	A-1C	A-1D
					Sample Date:	03/15/2017	03/07/2017	03/10/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	12 - 21	0 - 6	6 - 12	12 - 21	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	11.8	8.8	10	9.7	8.7	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-1D	A-1D	A-2A	A-2A	A-2A
					Sample Date:	03/10/2017	03/10/2017	03/07/2017	03/13/2017	03/15/2017
					Sample Depth (ft bls):	6 - 12	12 - 21	0 - 6	6 - 12	12 - 21
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	9.1	9.5	8.8	11.1	9.3	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-2B	A-2B	A-4-5	A-4-5	A-4-5
					Sample Date:	03/07/2017	03/13/2017	03/07/2017	03/10/2017	03/10/2017
					Sample Depth (ft bls):	0 - 6	6 - 12	0 - 6	6 - 12	12 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	10.7	8.9	8.5	8.3	7.8	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-6A	A-6A	A-6B	A-6B	A-7
					Sample Date:	03/07/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	0 - 6	6 - 17	0 - 6	6 - 17	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	10.8	10.9	8.7	8	8.6	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	NI
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	10 U

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	A-7	A-7	VAULT-1	VAULT-1	VAULT-2
					Sample Date:	03/10/2017	03/10/2017	03/07/2017	03/10/2017	03/07/2017
					Sample Depth (ft bls):	6 - 12	12 - 18	0 - 6	6 - 12	0 - 6
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	9	7.8	8.7	8.4	8.7	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	NI
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	10 U
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	10 U

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	VAULT-2	B-1	B-1	B-1	B-1
					Sample Date:	03/10/2017	03/06/2017	03/09/2017	03/09/2017	03/09/2017
					Sample Depth (ft bls):	6 - 12	0 - 5	5 - 10	10 - 15	15 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	8.2	8.3	9.6	10.6	10.3	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2A	B-2A	B-2A	B-2A	B-2B
					Sample Date:	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	0 - 5	5 - 10	10 - 15	15 - 21	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	8.2	8.2	9.1	8.4	7.8	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

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NI - Not ignitable

-- No SCO or Standards available

Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-2B	B-2B	B-2B	B-3A	B-3A
					Sample Date:	03/13/2017	03/13/2017	03/13/2017	03/06/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 20	0 - 5	5 - 10
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	10.6	10.7	8.5	8.4	8.2	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3A	B-3A	B-3B	B-3B	B-3B
					Sample Date:	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	10 - 15	15 - 22	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	7.8	8.1	8.4	12.1	8.2	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-3B	B-3C	B-3C	B-3C	B-3C
					Sample Date:	03/08/2017	03/06/2017	03/08/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	15 - 22	0 - 5	5 - 10	10 - 15	15 - 22
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	8.6	8.3	12	10.9	9	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4A	B-4A	B-4A	B-4A	B-4B
					Sample Date:	03/06/2017	03/08/2017	03/08/2017	03/08/2017	03/06/2017
					Sample Depth (ft bls):	0 - 5	5 - 10	10 - 15	15 - 23	0 - 5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	9	7.7	7.6	7.7	8.4	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4B	B-4B	B-4B	B-4C	B-4C
					Sample Date:	03/08/2017	03/08/2017	03/08/2017	03/06/2017	03/08/2017
					Sample Depth (ft bls):	5 - 10	10 - 15	15 - 23	0 - 5	5 - 10
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	8.8	8.5	8.7	8.3	11.7	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-4C	B-4C	B-5	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017	03/06/2017	03/08/2017	03/08/2017
					Sample Depth (ft bls):	10 - 15	15 - 23	0 - 5	5 - 10	10 - 15
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units						
pH	--	--	--	SU	8.4	8.2	8.3	8.3	8.2	
Ignitability	--	--	--	NONE	NI	NI	NI	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	10 U	10 U	10 U	

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mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

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Table 8. Summary of General Chemistry in Soil, La Central Redevelopment Site, Bronx, New York

					Sample Designation:	B-5	B-5
					Sample Date:	03/08/2017	03/08/2017
					Sample Depth (ft bls):	15 - 20	20 - 24
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NJDEP Residential Direct Contact Soil Remediation Standards	PADEP Regulated Fill Concentration Limits	Units			
pH	--	--	--	SU	8	8.3	
Ignitability	--	--	--	NONE	NI	NI	
Paint Filter	--	--	--	NONE	NEGATIVE	NEGATIVE	
Reactive Cyanide	--	--	--	MG/KG	10 U	10 U	
Sulfide Reactive	--	--	--	MG/KG	10 U	10 U	

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mg/kg - Milligrams per kilogram

SU - Standard units

ft bls - Feet below land surface

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SCO - Soil Cleanup Objectives

NJDEP - New Jersey Department of Environmental Protection

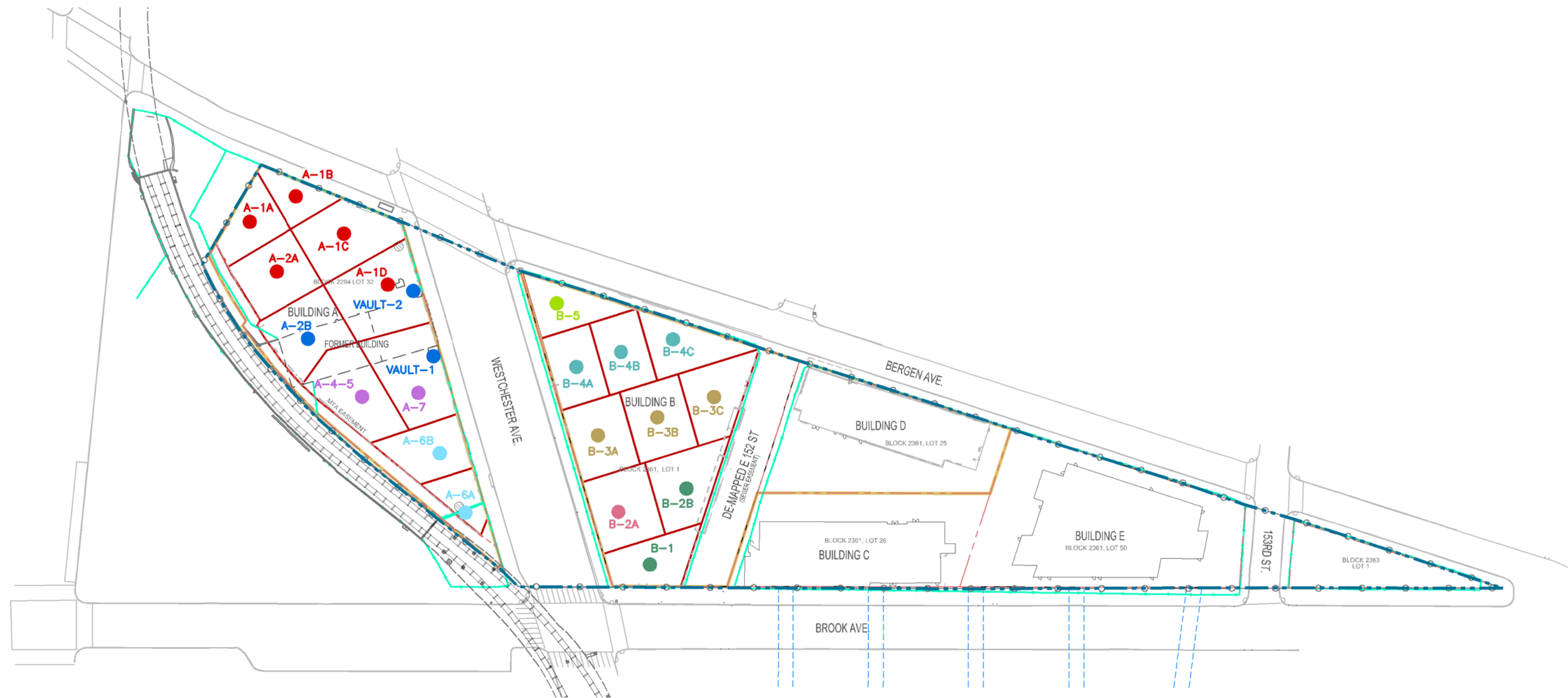
PA DEP - Pennsylvania Department of Environmental Protection

NI - Not ignitable

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Progress Report No. 7
Reporting Period: April 2017
La Central Redevelopment Project

PLATE



LEGEND

	LA CENTRAL PHASE I BCP SITE BOUNDARY		LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 24 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-5'; 5-10'; 10-15'; 15-20' AND 20-24' INTERVAL)
	LA CENTRAL REDEVELOPMENT PROJECT SITE BOUNDARY		LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 23 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-5'; 5-10'; 10-15'; AND 15-23' INTERVAL)
	CHAIN LINK FENCE		LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 22 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-5'; 5-10'; 10-15' AND 15-22' INTERVAL)
	CATCH BASIN (CB) LOCATION		LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 21 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-5'; 5-10'; 10-15' AND 15-21' INTERVAL)
	SOIL WASTE CHARACTERIZATION GRID		LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 20 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-5'; 5-10'; 10-15' AND 15-20' INTERVAL)
	LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 21 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-6'; 6-12' AND 12-21' INTERVAL)		
	LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 12 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-6' AND 6-12' INTERVAL)		
	LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 18 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-6'; 6-12' AND 12-18' INTERVAL)		
	LOCATION AND DESIGNATION OF SOIL BORING FROM GRADE TO 17 FBG. ONE COMPOSITE AND ONE GRAB SAMPLE FOR VOCs COLLECTED FROM EACH (0-6' AND 6-17' INTERVAL)		

NOTES

FBG - FEET BELOW GRADE
VOCs - VOLATILE ORGANIC COMPOUNDS

SOURCE

MEGA ENGINEERING & SURVEYING, P.C., NOVEMBER 2016 SURVEY. BASED ON NAVD88 DATUM.



Title:			
WASTE CHARACTERIZATION SOIL SAMPLING PLAN			
LA CENTRAL REDEVELOPMENT BRONX, NEW YORK			
Prepared For:			
LA CENTRAL MANAGER, LLC			
Remedial REMEDIAL ENGINEERING, P.C. ENVIRONMENTAL ENGINEERS	Compiled by: J.M.	Date: 05MAY17	PLATE 1
	Prepared by: J.A.D.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2446.0001Y000	
	File: 2446.0001Y123.01.DWG		