Environmental Resources Management

105 Maxess Road
Suite 316
Melville, NY 11747
+1 631 756-8900
+1 631 756-8901 (fax)

www.erm.com

8 January 2015

Mr. John Grathwol
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7016

Re: Additional Remedial Investigation of Lots 1, 8 and 75 at 1960-1982 Webster Avenue, Bronx, New York 10457
NYSDEC BCP Number: C203075

Dear Mr. Grathwol:

On behalf of Webster Avenue Housing Development Fund Corporation, ERM Consulting and Engineering Inc. (ERM) has prepared this report describing the additional remedial investigative activities conducted to obtain supplementary analytical data. The purpose of collecting additional data is to support the addition of Lots 1, 8 and 75 into the Brownfield Cleanup Program (BCP). These data were collected in accordance with the workplan submitted to your office on 11 December 2014 and and approved on 12 December 2014. Descriptions of field investigative activities, analytical results, conclusions and recommendations are presented below.

SCOPE OF WORK

Geophysical Survey

All proposed soil boring locations were cleared for subsurface utilities using electromagnetic (EM) and ground penetrating radar (GPR) geophysical methods. ERM's subcontractor hand cleared all soil boring locations to a depth of 4 feet below grade.

Soil Sampling

ERM's subcontractor (E Phase2) mobilized a Geoprobe and crew on 17 December 2014 and installed seven (7) soil borings in tax lots 1, 8 and 75. Two (2) borings were installed in tax lot 1, two (2) in tax lot 8 and three (3) in tax lot 75. A figure depicting the seven (7) soil boring locations can be found as Figure 1.

Soil was logged to a depth of 15 feet below grade. After hand clearance, soil cores were collected using a stainless steel macro core sampler with an internal acetate liner. At each boring location, ERM field personnel recorded and documented subsurface conditions including continuous headspace screening of soil cores using a PID.

Two (2) samples were collected and analyzed from each soil boring; the 0-2'interval and the interval that exhibitedthe highest PID reading or visual/olfactory evidence of contamination. If no elevated PID readings or visual/olfactory evidence of contamination was found, the second sample was collected from the 2-foot interval just above the water table. An additional third sample was collected from each boring from the 2-4' interval. The 2-4' sample was analyzed only if the two other samples collected from that boring location did not show significant field evidence of contamination.

All soil samples were placed into an insulated cooler packed with ice and sent under sealed Chain of Custody documentation via courier to Accutest Laboratories of Dayton, New Jersey. Samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semi-VOCs (SVOCs), pesticides/polychlorinated biphenyls (PCBs) and target analyte list (TAL) Metals.

A set of quality assurance/quality control (QA/QC) samples were collected. QA/QC samples consisted of:

- Matrix Spike and Matrix Spike duplicate;
- Blind Duplicate sample; and
- Field Blank and Trip Blank.

FINDINGS

The results of the soil sampling were compared to Restricted-Residential Soil Cleanup Objectives (SCOs). A summary of the analytical results are presented in Table 1. The text of the Data Usability Report (DUSR) can be found as Appenix A. The full laboratory data report and full DUSR are provided electronically as a separate package due to size. The boring logs from borings ERM-SB-08 through ERM-SB-14 can be found as Appendix B. A spider diagram showing exceedances of Restricted-Residential, Industrial and Commercial SCOs is provided as Figure 2. The EQuIS Electronic Data Deliverable (EDD) was submitted on 8 January 2015.

Tax Lot 1

Soil borings ERM-SB-08 and ERM-SB-09 were collected in tax lot 1. ERM-SB-08 did not contain any elevated PID readings. ERM-SB-09 contained elevated PID readings from the 6-7′ interval of 123 ppm.

Various polycyclic aromatic hydrocarbons (PAHs) were detected above Resticted Residenctial SCOs in samples collected from borings ERM-SB-08 and ERM-SB-09 including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, Chrysene, dibenzo(a,h,)anthracene and indeno(1,2,3-cd)pyrene. Barium and lead were also detected above restricted-residential SCOs in Lot 1.

Tax Lot 8

No borings advanced in tax lot 8 exhibited any elevated PID detections. PAHs were detected above Resticted Residenctial SCOs in samples collected from borings ERM-SB-11 and ERM-SB-12 including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h,)anthracene and indeno(1,2,3-cd)pyrene. Barium and lead were also detected above restricted-residential SCOs in Lot 8. PCBs were detected above unrestricted SCOs in Lot 8 as well.

Tax Lot 75

Soil borings ERM-SB-10 and ERM-SB-13 did not have any elevated PID detections. Elevated PID readings were detected in ERM-SB-14 at the 0-2′ interval. Readings ranged from 10.4 to 13.3ppm.

PAHs detected above Resticted Residenctial SCOs in samples collected from borings ERM-SB-10, ERM-SB-13 and ERM-SB-14 include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h,)anthracene and indeno(1,2,3-cd)pyrene. Barium and lead were also detected above restricted-residential SCOs in Lot 75.

All laboratory data will be reviewed for usability by a qualified data validator. A Data Usability Summary Report (DUSR) will be prepared as required by NYSDEC. Laboratory analytical data will be submitted electronically via a NYSDEC approved electronic data deliverable (EDD) format.

CONCLUSIONS AND RECOMMENDATIONS

Based on the data presented herein the soil quality beneath tax lots 1, 8 and 75 is similar to tax lots 6, 7 and 48 which were previously accepted into the BCP. Soil that will need to be excavated from these lots is impacted with PAHs, PCBs and metals and will impact the cost of redevelopment. Since soil concentrations on these lots exceed the applicable SCOs for the final use of this property and excavation of these lots will be contiguous with excavation of other lots already accepted into the BCP, these lots should be added to the BCP. This is the best means to ensure these soils are remediated in accordance with Part 375 regulations in order to protect human health and the environment.

If you have any questions please contact the undersigned at (631) 756-8900.

Sincerely,

Karen Pickering
Senior Project Geologist

Tables

Table 1

Summary of Laboratory Analytical Results - Soil

Volatile Organic Compounds (VOCs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-08	ERM-SB-08	ERM-SB-08	ERM-SB-09	ERM-SB-09
	LAB SAMPLE ID		JB84478-3	JB84478-4	JB84478-15	JB84478-5	JB84478-6
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	2.00	4.00	15.00	2.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Duplicate 1
Starting Depth	(feet)		0.00	2.00	13.00	0.00	0.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	2.00
1,1,1-Trichloroethane	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,1,2,2-Tetrachloroethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,1,2-Trichloroethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,1-Dichloroethane	(ug/kg)	26000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,1-Dichloroethene	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,2,3-Trichlorobenzene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,2,4-Trichlorobenzene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,2-Dibromo-3-chloropropane	(ug/kg)		13 U	12 U	13 U	12 U	12 U
1,2-Dibromoethane	(ug/kg)		1.3 U	1.2 U	1.3 U	1.2 U	1.2 U
1,2-Dichlorobenzene	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,2-Dichloroethane	(ug/kg)	3100	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U
1,2-Dichloropropane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,3-Dichlorobenzene	(ug/kg)	49000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
1,4-Dichlorobenzene	(ug/kg)	13000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
2-Butanone	(ug/kg)	100000	13 U	12 U	13 U	12 U	12 U
2-Hexanone	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
4-Methyl-2-Pentanone	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Acetone	(ug/kg)	100000	123	10.5 J	13 U	5.1 J	12 U
Benzene	(ug/kg)	4800	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U
Bromochloromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Bromodichloromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Bromoform	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Bromomethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Carbon Disulfide	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Carbon Tetrachloride	(ug/kg)	2400	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Chlorobenzene	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Chloroethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-08	ERM-SB-08	ERM-SB-08	ERM-SB-09	ERM-SB-09
	LAB SAMPLE ID		JB84478-3	JB84478-4	JB84478-15	JB84478-5	JB84478-6
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	2.00	4.00	15.00	2.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Duplicate 1
Chloroform	(ug/kg)	49000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Chloromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
cis-1,2-Dichloroethene	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
cis-1,3-Dichloropropene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Cyclohexane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Dibromochloromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Dichlorodifluoromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Ethylbenzene	(ug/kg)	41000	4.0	1.2 U	1.3 U	1.2 U	1.2 U
Freon 113	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Isopropylbenzene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
m+p-Xylene	(ug/kg)		18.9	0.56 J	1.3 U	1.2 U	0.98 J
Methyl Acetate	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Methyl Cyclohexane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Methyl Tertiary Butyl Ether	(ug/kg)	100000	1.3 U	1.2 U	1.3 U	1.2 U	1.2 U
Methylene Chloride	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
o-Xylene	(ug/kg)		6.3	0.25 J	1.3 U	1.2 U	0.38 J
Styrene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Tetrachloroethene	(ug/kg)	19000	0.37 J	0.77 J	6.5 U	5.8 U	5.8 U
Toluene	(ug/kg)	100000	0.35 J	1.2 U	1.3 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	(ug/kg)	100000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
trans-1,3-Dichloropropene	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Trichloroethene	(ug/kg)	21000	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Trichlorofluoromethane	(ug/kg)		6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Vinyl chloride	(ug/kg)	900	6.4 U	6.1 U	6.5 U	5.8 U	5.8 U
Xylene (total)	(ug/kg)	100000	25.2	0.81 J	1.3 U	1.2 U	1.4

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Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-09	ERM-SB-10	ERM-SB-10	ERM-SB-10	ERM-SB-11
	LAB SAMPLE ID		JB84478-8	JB84478-9	JB84478-10	JB84478-11	JB84478-12
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	8.00	2.00	4.00	15.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Starting Depth	(feet)		6.00	0.00	2.00	13.00	0.00
Ending Depth	(feet)		8.00	2.00	4.00	15.00	2.00
1,1,1-Trichloroethane	(ug/kg)	100000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,1,2,2-Tetrachloroethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,1,2-Trichloroethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,1-Dichloroethane	(ug/kg)	26000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,1-Dichloroethene	(ug/kg)	100000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,2,3-Trichlorobenzene	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,2,4-Trichlorobenzene	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,2-Dibromo-3-chloropropane	(ug/kg)		14 U	13 U	15 U	11 U	14 U
1,2-Dibromoethane	(ug/kg)		1.4 U	1.3 U	1.5 U	1.1 U	1.4 U
1,2-Dichlorobenzene	(ug/kg)	100000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,2-Dichloroethane	(ug/kg)	3100	1.4 U	1.3 U	1.5 U	1.1 U	1.4 U
1,2-Dichloropropane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,3-Dichlorobenzene	(ug/kg)	49000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
1,4-Dichlorobenzene	(ug/kg)	13000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
2-Butanone	(ug/kg)	100000	14 U	13 U	15 U	11 U	14 U
2-Hexanone	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
4-Methyl-2-Pentanone	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Acetone	(ug/kg)	100000	14 U	35.7	15 U	11 U	107
Benzene	(ug/kg)	4800	1.4 U	1.3 U	1.5 U	1.1 U	1.4 U
Bromochloromethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Bromodichloromethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Bromoform	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Bromomethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Carbon Disulfide	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Carbon Tetrachloride	(ug/kg)	2400	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Chlorobenzene	(ug/kg)	100000	7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Chloroethane	(ug/kg)		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT			SITE	ERM-SB-09	ERM-SB-10	ERM-SB-10	ERM-SB-10	ERM-SB-11
			LAB SAMPLE ID	JB84478-8	JB84478-9	JB84478-10	JB84478-11	JB84478-12
			DATE	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
		6NYCRR PART 375	DEPTH (ft)	8.00	2.00	4.00	15.00	2.00
		AND CP-51	RESULT TYPE	Primary	Primary	Primary	Primary	Primary
		RES RESIDENTIAL						
Chloroform	(ug/kg)	49000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Chloromethane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
cis-1,2-Dichloroethene	(ug/kg)	100000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
cis-1,3-Dichloropropene	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Cyclohexane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Dibromochloromethane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Dichlorodifluoromethane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Ethylbenzene	(ug/kg)	41000		1.4 U	0.45 J	1.5 U	1.1 U	0.76 J
Freon 113	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Isopropylbenzene	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
m+p-Xylene	(ug/kg)			1.4 U	1.8	0.58 J	1.1 U	3.5
Methyl Acetate	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Methyl Cyclohexane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Methyl Tertiary Butyl Ether	(ug/kg)	100000		1.4 U	1.3 U	1.5 U	1.1 U	1.4 U
Methylene Chloride	(ug/kg)	100000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
o-Xylene	(ug/kg)			1.4 U	0.66 J	1.5 U	1.1 U	1.3 J
Styrene	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Tetrachloroethene	(ug/kg)	19000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Toluene	(ug/kg)	100000		1.4 U	1.3 U	1.5 U	1.1 U	1.4 U
trans-1,2-Dichloroethene	(ug/kg)	100000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
trans-1,3-Dichloropropene	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Trichloroethene	(ug/kg)	21000		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Trichlorofluoromethane	(ug/kg)			7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Vinyl chloride	(ug/kg)	900		7.1 U	6.6 U	7.5 U	5.6 U	7.1 U
Xylene (total)	(ug/kg)	100000		1.4 U	2.4	0.58 J	1.1 U	4.8

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-11	ERM-SB-11	ERM-SB-12	ERM-SB-12	ERM-SB-12
	LAB SAMPLE ID		JB84478-13	JB84478-14	JB84478-16	JB84478-17	JB84478-20
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	4.00	15.00	2.00	4.00	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Starting Depth	(feet)		2.00	13.00	0.00	2.00	13.00
Ending Depth	(feet)		4.00	15.00	2.00	4.00	15.00
1,1,1-Trichloroethane	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,1,2,2-Tetrachloroethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,1,2-Trichloroethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,1-Dichloroethane	(ug/kg)	26000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,1-Dichloroethene	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,2,3-Trichlorobenzene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,2,4-Trichlorobenzene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,2-Dibromo-3-chloropropane	(ug/kg)		14 U	12 U	13 U	14 U	14 U
1,2-Dibromoethane	(ug/kg)		1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
1,2-Dichlorobenzene	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,2-Dichloroethane	(ug/kg)	3100	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
1,2-Dichloropropane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,3-Dichlorobenzene	(ug/kg)	49000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
1,4-Dichlorobenzene	(ug/kg)	13000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
2-Butanone	(ug/kg)	100000	14 U	12 U	13 U	14 U	14 U
2-Hexanone	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
4-Methyl-2-Pentanone	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Acetone	(ug/kg)	100000	41.3	12 U	162	20.6	14 U
Benzene	(ug/kg)	4800	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
Bromochloromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Bromodichloromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Bromoform	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Bromomethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Carbon Disulfide	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Carbon Tetrachloride	(ug/kg)	2400	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Chlorobenzene	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Chloroethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-11	ERM-SB-11	ERM-SB-12	ERM-SB-12	ERM-SB-12
	LAB SAMPLE ID		JB84478-13	JB84478-14	JB84478-16	JB84478-17	JB84478-20
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	4.00	15.00	2.00	4.00	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Chloroform	(ug/kg)	49000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Chloromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
cis-1,2-Dichloroethene	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
cis-1,3-Dichloropropene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Cyclohexane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Dibromochloromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Dichlorodifluoromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Ethylbenzene	(ug/kg)	41000	0.41 J	1.2 U	1.6	1.4 U	1.4 U
Freon 113	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Isopropylbenzene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
m+p-Xylene	(ug/kg)		1.7	1.2 U	8.1	0.65 J	1.4 U
Methyl Acetate	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Methyl Cyclohexane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Methyl Tertiary Butyl Ether	(ug/kg)	100000	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
Methylene Chloride	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
o-Xylene	(ug/kg)		0.65 J	1.2 U	3.3	1.4 U	1.4 U
Styrene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Tetrachloroethene	(ug/kg)	19000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Toluene	(ug/kg)	100000	1.4 U	1.2 U	1.3 U	1.4 U	1.4 U
trans-1,2-Dichloroethene	(ug/kg)	100000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
trans-1,3-Dichloropropene	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Trichloroethene	(ug/kg)	21000	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Trichlorofluoromethane	(ug/kg)		7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Vinyl chloride	(ug/kg)	900	7.0 U	5.8 U	6.3 U	7.2 U	7.1 U
Xylene (total)	(ug/kg)	100000	2.3	1.2 U	11.4	0.65 J	1.4 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-13 JB84478-18 12/17/2014 2.00 Primary	ERM-SB-13 JB84478-19 12/17/2014 4.00 Primary	ERM-SB-13 JB84478-21 12/17/2014 15.00 Primary	ERM-SB-14 JB84478-22 12/17/2014 2.00 Primary	ERM-SB-14 JB84478-23 12/17/2014 4.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00	0.00	2.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	4.00
1,1,1-Trichloroethane	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,1,2,2-Tetrachloroethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,1,2-Trichloroethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,1-Dichloroethane	(ug/kg)	26000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,1-Dichloroethene	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,2,3-Trichlorobenzene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,2,4-Trichlorobenzene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,2-Dibromo-3-chloropropane	(ug/kg)		12 U	13 U	12 U	11 U	15 U
1,2-Dibromoethane	(ug/kg)		1.2 U	1.3 U	1.2 U	1.1 U	1.5 U
1,2-Dichlorobenzene	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,2-Dichloroethane	(ug/kg)	3100	1.2 U	1.3 U	1.2 U	1.1 U	1.5 U
1,2-Dichloropropane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,3-Dichlorobenzene	(ug/kg)	49000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
1,4-Dichlorobenzene	(ug/kg)	13000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
2-Butanone	(ug/kg)	100000	12 U	13 U	12 U	11 U	15 U J
2-Hexanone	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U J
4-Methyl-2-Pentanone	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Acetone	(ug/kg)	100000	24.4	29.5	12 U	117	15 U J
Benzene	(ug/kg)	4800	1.2 U	1.3 U	1.2 U	1.1 U	1.5 U
Bromochloromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Bromodichloromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Bromoform	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Bromomethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Carbon Disulfide	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Carbon Tetrachloride	(ug/kg)	2400	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Chlorobenzene	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Chloroethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Volatile Organic Compounds (VOCs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT							
	SITE		ERM-SB-13	ERM-SB-13	ERM-SB-13	ERM-SB-14	ERM-SB-14
	LAB SAMPLE ID		JB84478-18	JB84478-19	JB84478-21	JB84478-22	JB84478-23
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	2.00	4.00	15.00	2.00	4.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Chloroform	(ug/kg)	49000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Chloromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
cis-1,2-Dichloroethene	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
cis-1,3-Dichloropropene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Cyclohexane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Dibromochloromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Dichlorodifluoromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Ethylbenzene	(ug/kg)	41000	1.2 U	1.7	1.2 U	3.5	1.5 U
Freon 113	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Isopropylbenzene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
m+p-Xylene	(ug/kg)		0.53 J	8.7	1.2 U	16.7	0.77 J
Methyl Acetate	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Methyl Cyclohexane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Methyl Tertiary Butyl Ether	(ug/kg)	100000	1.2 U	1.3 U	1.2 U	1.1 U	1.5 U
Methylene Chloride	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
o-Xylene	(ug/kg)		0.21 J	4.1	1.2 U	5.5	1.5 U
Styrene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Tetrachloroethene	(ug/kg)	19000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Toluene	(ug/kg)	100000	1.2 U	1.3 U	1.2 U	0.25 J	1.5 U
trans-1,2-Dichloroethene	(ug/kg)	100000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
trans-1,3-Dichloropropene	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Trichloroethene	(ug/kg)	21000	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Trichlorofluoromethane	(ug/kg)		6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Vinyl chloride	(ug/kg)	900	6.2 U	6.4 U	6.2 U	5.7 U	7.5 U
Xylene (total)	(ug/kg)	100000	0.74 J	12.8	1.2 U	22.2	0.77 J

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Volatile Organic Compounds (VOCs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-14 JB84478-24 12/17/2014 15.00 Primary
Starting Depth	(feet)		13.00
Ending Depth	(feet)		15.00
1,1,1-Trichloroethane	(ug/kg)	100000	7.2 U
1,1,2,2-Tetrachloroethane	(ug/kg)		7.2 U
1,1,2-Trichloroethane	(ug/kg)		7.2 U
1,1-Dichloroethane	(ug/kg)	26000	7.2 U
1,1-Dichloroethene	(ug/kg)	100000	7.2 U
1,2,3-Trichlorobenzene	(ug/kg)		7.2 U
1,2,4-Trichlorobenzene	(ug/kg)		7.2 U
1,2-Dibromo-3-chloropropane	(ug/kg)		14 U
1,2-Dibromoethane	(ug/kg)		1.4 U
1,2-Dichlorobenzene	(ug/kg)	100000	7.2 U
1,2-Dichloroethane	(ug/kg)	3100	1.4 U
1,2-Dichloropropane	(ug/kg)		7.2 U
1,3-Dichlorobenzene	(ug/kg)	49000	7.2 U
1,4-Dichlorobenzene	(ug/kg)	13000	7.2 U
2-Butanone	(ug/kg)	100000	14 U
2-Hexanone	(ug/kg)		7.2 U
4-Methyl-2-Pentanone	(ug/kg)		7.2 U
Acetone	(ug/kg)	100000	14 U
Benzene	(ug/kg)	4800	1.4 U
Bromochloromethane	(ug/kg)		7.2 U
Bromodichloromethane	(ug/kg)		7.2 U
Bromoform	(ug/kg)		7.2 U
Bromomethane	(ug/kg)		7.2 U
Carbon Disulfide	(ug/kg)		7.2 U
Carbon Tetrachloride	(ug/kg)	2400	7.2 U
Chlorobenzene	(ug/kg)	100000	7.2 U
Chloroethane	(ug/kg)		7.2 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-14 JB84478-24 12/17/2014 15.00 Primary
Chloroform	(ug/kg)	49000	7.2 U
Chloromethane	(ug/kg)		7.2 U
cis-1,2-Dichloroethene	(ug/kg)	100000	7.2 U
cis-1,3-Dichloropropene	(ug/kg)		7.2 U
Cyclohexane	(ug/kg)		7.2 U
Dibromochloromethane	(ug/kg)		7.2 U
Dichlorodifluoromethane	(ug/kg)		7.2 U
Ethylbenzene	(ug/kg)	41000	1.4 U
Freon 113	(ug/kg)		7.2 U
Isopropylbenzene	(ug/kg)		7.2 U
m+p-Xylene	(ug/kg)		1.4 U
Methyl Acetate	(ug/kg)		7.2 U
Methyl Cyclohexane	(ug/kg)		7.2 U
Methyl Tertiary Butyl Ether	(ug/kg)	100000	1.4 U
Methylene Chloride	(ug/kg)	100000	7.2 U
o-Xylene	(ug/kg)		1.4 U
Styrene	(ug/kg)		7.2 U
Tetrachloroethene	(ug/kg)	19000	7.2 U
Toluene	(ug/kg)	100000	1.4 U
trans-1,2-Dichloroethene	(ug/kg)	100000	7.2 U
trans-1,3-Dichloropropene	(ug/kg)		7.2 U
Trichloroethene	(ug/kg)	21000	7.2 U
Trichlorofluoromethane	(ug/kg)		7.2 U
Vinyl chloride	(ug/kg)	900	7.2 U
Xylene (total)	(ug/kg)	100000	1.4 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 and CP-51 Res Residential = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Restricted-Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit (RL). The value is usable as a non-detect at the RL.
J	Estimated value. The value was designated as estimated as a result of the data validation criteria or when a compound was detected at a concentration below the RL but greater than the method detection limit (MDL). The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the RL, however due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated RL.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-08 JB84478-3 12/17/2014 2.00 Primary	ERM-SB-08 JB84478-4 12/17/2014 4.00 Primary	ERM-SB-08 JB84478-15 12/17/2014 15.00 Primary	ERM-SB-09 JB84478-5 12/17/2014 2.00 Primary	ERM-SB-09 JB84478-6 12/17/2014 2.00 Duplicate 1
Starting Depth	(feet)		0.00	2.00	13.00	0.00	0.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	2.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
1,4-Dioxane	(ug/kg)	13000	350 U	39 U	34 U	340 U	320 U
2,3,4,6-Tetrachlorophenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2,4,5-Trichlorophenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2,4,6-Trichlorophenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2,4-Dichlorophenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2,4-Dimethylphenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2,4-Dinitrophenol	(ug/kg)		6900 U	780 U	690 U	6700 U	6400 U
2,4-Dinitrotoluene	(ug/kg)		350 U	39 U	34 U	340 U	320 U
2,6-Dinitrotoluene	(ug/kg)		350 U	39 U	34 U	340 U	320 U
2-Chloronaphthalene	(ug/kg)		690 U	78 U	69 U	670 U	640 U
2-Chlorophenol	(ug/kg)		690 U	78 U	69 U	670 U	640 U
2-Methylnaphthalene	(ug/kg)		690 U	52.6 J	69 U	670 U	640 U
2-Methylphenol	(ug/kg)	100000	690 U	78 U	69 U	670 U	640 U
2-Nitroaniline	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
2-Nitrophenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
3,3-Dichlorobenzidine	(ug/kg)		690 U	78 U	69 U	670 U	640 U
3+4-Methylphenol	(ug/kg)		690 U	78 U	69 U	670 U	640 U
3-Nitroaniline	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
4,6-Dinitro-o-cresol	(ug/kg)		6900 U	780 U	690 U	6700 U	6400 U
4-Bromophenyl phenyl ether	(ug/kg)		690 U	78 U	69 U	670 U	640 U
4-Chloro-3-methylphenol	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
4-Chloroaniline	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
4-Chlorophenyl phenyl ether	(ug/kg)		690 U	78 U	69 U	670 U	640 U
4-Nitroaniline	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
4-Nitrophenol	(ug/kg)		3500 U	390 U	340 U	3400 U	3200 U
Acenaphthene	(ug/kg)	100000	350 U	122	34 U	340 U	320 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-08 JB84478-3 12/17/2014 2.00 Primary	ERM-SB-08 JB84478-4 12/17/2014 4.00 Primary	ERM-SB-08 JB84478-15 12/17/2014 15.00 Primary	ERM-SB-09 JB84478-5 12/17/2014 2.00 Primary	ERM-SB-09 JB84478-6 12/17/2014 2.00 Duplicate 1
Acenaphthylene	(ug/kg)	100000	175 J	1040	34 U	340 U	320 U
Acetophenone	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
Anthracene	(ug/kg)	100000	150 J	1190	34 U	340 U	320 U
Atrazine	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Benzaldehyde	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
Benzo(a)anthracene	(ug/kg)	1000	860	[4480]	34 U	184 J	320 U
Benzo(a)pyrene	(ug/kg)	1000	987	[4730]	34 U	201 J	320 U
Benzo(b)fluoranthene	(ug/kg)	1000	1000	[4590]	34 U	188 J	320 U
Benzo(ghi)perylene	(ug/kg)	100000	709	3160	34 U	184 J	320 U
Benzo(k)fluoranthene	(ug/kg)	3900	717	3560	34 U	340 U	320 U
Biphenyl	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Bis(2-chloroethoxy)methane	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Bis(2-chloroethyl)ether	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Bis(2-chloroisopropyl)ether	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		622 J	10600	69 U	501 J	364 J
Butyl benzyl phthalate	(ug/kg)		690 U	98.7	69 U	670 U	640 U
Caprolactam	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Carbazole	(ug/kg)		690 U	455	69 U	670 U	640 U
Chrysene	(ug/kg)	3900	874	[4630]	34 U	162 J	320 U
Dibenzo(a,h)anthracene	(ug/kg)	330	145 J	[1700]	34 U	340 U	320 U
Dibenzofuran	(ug/kg)	59000	690 U	130	69 U	670 U	640 U
Diethyl phthalate	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Dimethyl phthalate	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Di-n-butyl phthalate	(ug/kg)		690 U	69.1 J	41.6 J	670 U	640 U
Di-n-octyl phthalate	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Fluoranthene	(ug/kg)	100000	1230	7310	34 U	197 J	320 U
Fluorene	(ug/kg)	100000	350 U	256	34 U	340 U	320 U
Hexachlorobenzene	(ug/kg)	1200	690 U	78 U	69 U	670 U	640 U
Hexachlorobutadiene	(ug/kg)		350 U	39 U	34 U	340 U	320 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-08 JB84478-3 12/17/2014 2.00 Primary	ERM-SB-08 JB84478-4 12/17/2014 4.00 Primary	ERM-SB-08 JB84478-15 12/17/2014 15.00 Primary	ERM-SB-09 JB84478-5 12/17/2014 2.00 Primary	ERM-SB-09 JB84478-6 12/17/2014 2.00 Duplicate 1
Hexachlorocyclopentadiene	(ug/kg)		3500 U	390 U	340 U	3400 U	3200 U
Hexachloroethane	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	[659]	[3120]	34 U	340 U	320 U
Isophorone	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Naphthalene	(ug/kg)	100000	350 U	93.3	34 U	340 U	320 U
Nitrobenzene	(ug/kg)	15000	690 U	78 U	69 U	670 U	640 U
N-Nitrosodiphenylamine	(ug/kg)		1700 U	190 U	170 U	1700 U	1600 U
N-Nitrosodipropylamine	(ug/kg)		690 U	78 U	69 U	670 U	640 U
Pentachlorophenol	(ug/kg)	6700	3500 U	390 U	340 U	3400 U	3200 U
Phenanthrene	(ug/kg)	100000	449	3450	34 U	340 U	320 U
Phenol	(ug/kg)	100000	690 U	78 U	69 U	670 U	640 U
Pyrene	(ug/kg)	100000	1430	8030	34 U	253 J	129 J

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-09 JB84478-8 12/17/2014 8.00 Primary	ERM-SB-10 JB84478-9 12/17/2014 2.00 Primary	ERM-SB-10 JB84478-10 12/17/2014 4.00 Primary	ERM-SB-10 JB84478-11 12/17/2014 15.00 Primary	ERM-SB-11 JB84478-12 12/17/2014 2.00 Primary
Starting Depth	(feet)		6.00	0.00	2.00	13.00	0.00
Ending Depth	(feet)		8.00	2.00	4.00	15.00	2.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
1,4-Dioxane	(ug/kg)	13000	170 U	34 U	190 U	33 U	350 U
2,3,4,6-Tetrachlorophenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2,4,5-Trichlorophenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2,4,6-Trichlorophenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2,4-Dichlorophenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2,4-Dimethylphenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2,4-Dinitrophenol	(ug/kg)		3400 U	680 U	3800 U	660 U	7100 U
2,4-Dinitrotoluene	(ug/kg)		170 U	34 U	190 U	33 U	350 U
2,6-Dinitrotoluene	(ug/kg)		170 U	34 U	190 U	33 U	350 U
2-Chloronaphthalene	(ug/kg)		340 U	68 U	380 U	66 U	710 U
2-Chlorophenol	(ug/kg)		340 U	68 U	380 U	66 U	710 U
2-Methylnaphthalene	(ug/kg)		340 U	68 U	380 U	30.6 J	710 U
2-Methylphenol	(ug/kg)	100000	340 U	68 U	380 U	66 U	710 U
2-Nitroaniline	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
2-Nitrophenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
3,3-Dichlorobenzidine	(ug/kg)		340 U	68 U	380 U	66 U	710 U
3+4-Methylphenol	(ug/kg)		340 U	68 U	380 U	66 U	710 U
3-Nitroaniline	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
4,6-Dinitro-o-cresol	(ug/kg)		3400 U	680 U	3800 U	660 U	7100 U
4-Bromophenyl phenyl ether	(ug/kg)		340 U	68 U	380 U	66 U	710 U
4-Chloro-3-methylphenol	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
4-Chloroaniline	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
4-Chlorophenyl phenyl ether	(ug/kg)		340 U	68 U	380 U	66 U	710 U
4-Nitroaniline	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
4-Nitrophenol	(ug/kg)		1700 U	340 U	1900 U	330 U	3500 U
Acenaphthene	(ug/kg)	100000	170 U	39.3	105 J	33 U	350 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

	SITE		ERM-SB-09	ERM-SB-10	ERM-SB-10	ERM-SB-10	ERM-SB-11
	LAB SAMPLE ID		JB84478-8	JB84478-9	JB84478-10	JB84478-11	JB84478-12
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
CONSTITUENT	DEPTH (ft)	AND CP-51	8.00	2.00	4.00	15.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Acenaphthylene	(ug/kg)	100000	419	104	402	33 U	350 U
Acetophenone	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
Anthracene	(ug/kg)	100000	541	155	531	33 U	141 J
Atrazine	(ug/kg)		340 U	68 U J	380 U	66 U	710 U
Benzaldehyde	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
Benzo(a)anthracene	(ug/kg)	1000	[2090]	589	[1940]	33 U	569
Benzo(a)pyrene	(ug/kg)	1000	[2000]	644	[1950]	33 U	583
Benzo(b)fluoranthene	(ug/kg)	1000	[2280]	657	[1950]	33 U	529
Benzo(ghi)perylene	(ug/kg)	100000	1320	481	1500	33 U	430
Benzo(k)fluoranthene	(ug/kg)	3900	1550	481	1430	33 U	430
Biphenyl	(ug/kg)		340 U	68 U	380 U	17.2 J	710 U
Bis(2-chloroethoxy)methane	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Bis(2-chloroethyl)ether	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Bis(2-chloroisopropyl)ether	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		340 U	503	774	175	430 J
Butyl benzyl phthalate	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Caprolactam	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Carbazole	(ug/kg)		417	78.7	266 J	66 U	710 U
Chrysene	(ug/kg)	3900	2360	677	1870	33 U	524
Dibenzo(a,h)anthracene	(ug/kg)	330	[523]	166	[351]	33 U	350 U
Dibenzofuran	(ug/kg)	59000	107 J	26.4 J	78.5 J	66 U	710 U
Diethyl phthalate	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Dimethyl phthalate	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Di-n-butyl phthalate	(ug/kg)		340 U	243	380 U	113	710 U
Di-n-octyl phthalate	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Fluoranthene	(ug/kg)	100000	4840	1230	3700	33 U	945
Fluorene	(ug/kg)	100000	132 J	41.8	119 J	33 U	350 U
Hexachlorobenzene	(ug/kg)	1200	340 U	68 U	380 U	66 U	710 U
Hexachlorobutadiene	(ug/kg)		170 U	34 U	190 U	33 U	350 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-09	ERM-SB-10	ERM-SB-10	ERM-SB-10	ERM-SB-11
	LAB SAMPLE ID		JB84478-8	JB84478-9	JB84478-10	JB84478-11	JB84478-12
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	8.00	2.00	4.00	15.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Hexachlorocyclopentadiene	(ug/kg)		1700 U	340 U	1900 U	330 U	3500 U
Hexachloroethane	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	[1500]	488	[1390]	33 U	370
Isophorone	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Naphthalene	(ug/kg)	100000	170 U	14.8 J	190 U	33 U	350 U
Nitrobenzene	(ug/kg)	15000	340 U	68 U	380 U	66 U	710 U
N-Nitrosodiphenylamine	(ug/kg)		850 U	170 U	950 U	160 U	1800 U
N-Nitrosodipropylamine	(ug/kg)		340 U	68 U	380 U	66 U	710 U
Pentachlorophenol	(ug/kg)	6700	1700 U	340 U	1900 U	330 U	3500 U
Phenanthrene	(ug/kg)	100000	3030	623	2210	33 U	454
Phenol	(ug/kg)	100000	340 U	68 U	380 U	66 U	710 U
Pyrene	(ug/kg)	100000	4060	1100	3830	33 U	937

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-11 JB84478-13 12/17/2014 4.00 Primary	ERM-SB-11 JB84478-14 12/17/2014 15.00 Primary	ERM-SB-12 JB84478-16 12/17/2014 2.00 Primary	ERM-SB-12 JB84478-17 12/17/2014 4.00 Primary	ERM-SB-12 JB84478-20 12/17/2014 15.00 Primary
Starting Depth	(feet)		2.00	13.00	0.00	2.00	13.00
Ending Depth	(feet)		4.00	15.00	2.00	4.00	15.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
1,4-Dioxane	(ug/kg)	13000	36 U	36 U	34 U	380 U	34 U
2,3,4,6-Tetrachlorophenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2,4,5-Trichlorophenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2,4,6-Trichlorophenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2,4-Dichlorophenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2,4-Dimethylphenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2,4-Dinitrophenol	(ug/kg)		710 U	720 U	690 U	7500 U	680 U
2,4-Dinitrotoluene	(ug/kg)		36 U	36 U	34 U	380 U	34 U
2,6-Dinitrotoluene	(ug/kg)		36 U	36 U	34 U	380 U	34 U
2-Chloronaphthalene	(ug/kg)		71 U	72 U	69 U	750 U	68 U
2-Chlorophenol	(ug/kg)		71 U	72 U	69 U	750 U	68 U
2-Methylnaphthalene	(ug/kg)		53.8 J	72 U	69 U	750 U	68 U
2-Methylphenol	(ug/kg)	100000	71 U	72 U	69 U	750 U	68 U
2-Nitroaniline	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
2-Nitrophenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
3,3-Dichlorobenzidine	(ug/kg)		71 U	72 U	69 U	750 U	68 U
3+4-Methylphenol	(ug/kg)		71 U	72 U	69 U	750 U	68 U
3-Nitroaniline	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
4,6-Dinitro-o-cresol	(ug/kg)		710 U	720 U	690 U	7500 U	680 U
4-Bromophenyl phenyl ether	(ug/kg)		71 U	72 U	69 U	750 U	68 U
4-Chloro-3-methylphenol	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
4-Chloroaniline	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
4-Chlorophenyl phenyl ether	(ug/kg)		71 U	72 U	69 U	750 U	68 U
4-Nitroaniline	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
4-Nitrophenol	(ug/kg)		360 U	360 U	340 U	3800 U	340 U
Acenaphthene	(ug/kg)	100000	272	36 U	77.0	329 J	34 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

	SITE		ERM-SB-11	ERM-SB-11	ERM-SB-12	ERM-SB-12	ERM-SB-12
	LAB SAMPLE ID		JB84478-13	JB84478-14	JB84478-16	JB84478-17	JB84478-20
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
CONSTITUENT	DEPTH (ft)	AND CP-51	4.00	15.00	2.00	4.00	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Acenaphthylene	(ug/kg)	100000	159	36 U	339	663	34 U
Acetophenone	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
Anthracene	(ug/kg)	100000	560	36 U	561	1070	34 U
Atrazine	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Benzaldehyde	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
Benzo(a)anthracene	(ug/kg)	1000	[1400]	36 U	[1040]	[2300]	34 U
Benzo(a)pyrene	(ug/kg)	1000	[1330]	36 U	[1670]	[2820]	34 U
Benzo(b)fluoranthene	(ug/kg)	1000	[1270]	36 U	[1340]	[2650]	34 U
Benzo(ghi)perylene	(ug/kg)	100000	857	36 U	1650	2180	34 U
Benzo(k)fluoranthene	(ug/kg)	3900	1030	36 U	1080	1830	34 U
Biphenyl	(ug/kg)		25.9 J	72 U	69 U	750 U	68 U
Bis(2-chloroethoxy)methane	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Bis(2-chloroethyl)ether	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Bis(2-chloroisopropyl)ether	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		603	72 U	1020	14200	68 U
Butyl benzyl phthalate	(ug/kg)		294	72 U	69 U	750 U	68 U
Caprolactam	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Carbazole	(ug/kg)		150	72 U	227	682 J	68 U
Chrysene	(ug/kg)	3900	1500	36 U	1230	2320	34 U
Dibenzo(a,h)anthracene	(ug/kg)	330	314	36 U	[1340]	[509]	34 U
Dibenzofuran	(ug/kg)	59000	110	72 U	49.6 J	220 J	68 U
Diethyl phthalate	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Dimethyl phthalate	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Di-n-butyl phthalate	(ug/kg)		80.0	73.3	226	500 J	160
Di-n-octyl phthalate	(ug/kg)		71 U	72 U	69 U	768	68 U
Fluoranthene	(ug/kg)	100000	3020	36 U	1770	5180	34 U
Fluorene	(ug/kg)	100000	228	36 U	87.6	312 J	34 U
Hexachlorobenzene	(ug/kg)	1200	71 U	72 U	69 U	750 U	68 U
Hexachlorobutadiene	(ug/kg)		36 U	36 U	34 U	380 U	34 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-11 JB84478-13 12/17/2014 4.00 Primary	ERM-SB-11 JB84478-14 12/17/2014 15.00 Primary	ERM-SB-12 JB84478-16 12/17/2014 2.00 Primary	ERM-SB-12 JB84478-17 12/17/2014 4.00 Primary	ERM-SB-12 JB84478-20 12/17/2014 15.00 Primary
Hexachlorocyclopentadiene	(ug/kg)		360 U	360 U	340 U	3800 U	340 U
Hexachloroethane	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	[925]	36 U	[1420]	[2150]	34 U
Isophorone	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Naphthalene	(ug/kg)	100000	14.6 J	36 U	31.1 J	380 U	34 U
Nitrobenzene	(ug/kg)	15000	71 U	72 U	69 U	750 U	68 U
N-Nitrosodiphenylamine	(ug/kg)		180 U	180 U	170 U	1900 U	170 U
N-Nitrosodipropylamine	(ug/kg)		71 U	72 U	69 U	750 U	68 U
Pentachlorophenol	(ug/kg)	6700	360 U	360 U	340 U	3800 U	340 U
Phenanthrene	(ug/kg)	100000	1890	36 U	1180	4260	34 U
Phenol	(ug/kg)	100000	71 U	272	69 U	750 U	68 U
Pyrene	(ug/kg)	100000	2560	36 U	1870	4740	34 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-13 JB84478-18 12/17/2014 2.00 Primary	ERM-SB-13 JB84478-19 12/17/2014 4.00 Primary	ERM-SB-13 JB84478-21 12/17/2014 15.00 Primary	ERM-SB-14 JB84478-22 12/17/2014 2.00 Primary	ERM-SB-14 JB84478-23 12/17/2014 4.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00	0.00	2.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	4.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)		330 U	170 U	170 U	330 U	380 U
1,4-Dioxane	(ug/kg)	13000	67 U	33 U	34 U	67 U	76 U
2,3,4,6-Tetrachlorophenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2,4,5-Trichlorophenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2,4,6-Trichlorophenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2,4-Dichlorophenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2,4-Dimethylphenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2,4-Dinitrophenol	(ug/kg)		1300 U	670 U	680 U	1300 U	1500 U
2,4-Dinitrotoluene	(ug/kg)		67 U	33 U	34 U	67 U	76 U
2,6-Dinitrotoluene	(ug/kg)		67 U	33 U	34 U	67 U	76 U
2-Chloronaphthalene	(ug/kg)		130 U	67 U	68 U	130 U	150 U
2-Chlorophenol	(ug/kg)		130 U	67 U	68 U	130 U	150 U
2-Methylnaphthalene	(ug/kg)		130 U	67 U	68 U	130 U	150 U
2-Methylphenol	(ug/kg)	100000	130 U	67 U	68 U	130 U	150 U
2-Nitroaniline	(ug/kg)		330 U	170 U	170 U	330 U	380 U
2-Nitrophenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
3,3-Dichlorobenzidine	(ug/kg)		130 U	67 U	68 U	130 U	150 U
3+4-Methylphenol	(ug/kg)		130 U	67 U	68 U	130 U	150 U
3-Nitroaniline	(ug/kg)		330 U	170 U	170 U	330 U	380 U
4,6-Dinitro-o-cresol	(ug/kg)		1300 U	670 U	680 U	1300 U	1500 U
4-Bromophenyl phenyl ether	(ug/kg)		130 U	67 U	68 U	130 U	150 U
4-Chloro-3-methylphenol	(ug/kg)		330 U	170 U	170 U	330 U	380 U
4-Chloroaniline	(ug/kg)		330 U	170 U	170 U	330 U	380 U
4-Chlorophenyl phenyl ether	(ug/kg)		130 U	67 U	68 U	130 U	150 U
4-Nitroaniline	(ug/kg)		330 U	170 U	170 U	330 U	380 U
4-Nitrophenol	(ug/kg)		670 U	330 U	340 U	670 U	760 U
Acenaphthene	(ug/kg)	100000	53.3 J	33 U	34 U	67 U	179

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-13 JB84478-18 12/17/2014 2.00 Primary	ERM-SB-13 JB84478-19 12/17/2014 4.00 Primary	ERM-SB-13 JB84478-21 12/17/2014 15.00 Primary	ERM-SB-14 JB84478-22 12/17/2014 2.00 Primary	ERM-SB-14 JB84478-23 12/17/2014 4.00 Primary
Acenaphthylene	(ug/kg)	100000	69.7	45.5	34 U	67 U	236
Acetophenone	(ug/kg)		330 U	170 U	170 U	330 U	380 U
Anthracene	(ug/kg)	100000	171	50.0	34 U	67 U	622
Atrazine	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Benzaldehyde	(ug/kg)		330 U	170 U	170 U	330 U	52.6 J
Benzo(a)anthracene	(ug/kg)	1000	394	196	34 U	42.9 J	[1990]
Benzo(a)pyrene	(ug/kg)	1000	368	211	34 U	55.8 J	[1980]
Benzo(b)fluoranthene	(ug/kg)	1000	370	210	34 U	48.8 J	[2040]
Benzo(ghi)perylene	(ug/kg)	100000	244	151	34 U	40.8 J	1320
Benzo(k)fluoranthene	(ug/kg)	3900	275	146	34 U	34.2 J	1340
Biphenyl	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Bis(2-chloroethoxy)methane	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Bis(2-chloroethyl)ether	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Bis(2-chloroisopropyl)ether	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		526	302	68 U	166	601
Butyl benzyl phthalate	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Caprolactam	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Carbazole	(ug/kg)		66.6 J	17.7 J	68 U	130 U	293
Chrysene	(ug/kg)	3900	422	199	34 U	46.2 J	2020
Dibenzo(a,h)anthracene	(ug/kg)	330	109	36.3	34 U	67 U	320
Dibenzofuran	(ug/kg)	59000	41.3 J	67 U	68 U	130 U	106 J
Diethyl phthalate	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Dimethyl phthalate	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Di-n-butyl phthalate	(ug/kg)		215	63.6 J	139	159	150 U
Di-n-octyl phthalate	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Fluoranthene	(ug/kg)	100000	755	308	34 U	54.3 J	4310
Fluorene	(ug/kg)	100000	74.2	14.0 J	34 U	67 U	174
Hexachlorobenzene	(ug/kg)	1200	130 U	67 U	68 U	130 U	150 U
Hexachlorobutadiene	(ug/kg)		67 U	33 U	34 U	67 U	76 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-13	ERM-SB-13	ERM-SB-13	ERM-SB-14	ERM-SB-14
	LAB SAMPLE ID		JB84478-18	JB84478-19	JB84478-21	JB84478-22	JB84478-23
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	2.00	4.00	15.00	2.00	4.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Hexachlorocyclopentadiene	(ug/kg)		670 U	330 U	340 U	670 U	760 U
Hexachloroethane	(ug/kg)		330 U	170 U	170 U	330 U	380 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	274	142	34 U	67 U	[1340]
Isophorone	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Naphthalene	(ug/kg)	100000	67 U	33 U	34 U	67 U	46.8 J
Nitrobenzene	(ug/kg)	15000	130 U	67 U	68 U	130 U	150 U
N-Nitrosodiphenylamine	(ug/kg)		330 U	170 U	170 U	330 U	380 U
N-Nitrosodipropylamine	(ug/kg)		130 U	67 U	68 U	130 U	150 U
Pentachlorophenol	(ug/kg)	6700	670 U	330 U	340 U	670 U	760 U
Phenanthrene	(ug/kg)	100000	548	114	34 U	67 U	2900
Phenol	(ug/kg)	100000	130 U	67 U	68 U	130 U	150 U
Pyrene	(ug/kg)	100000	685	338	34 U	54.1 J	4500

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-14
	LAB SAMPLE ID		JB84478-24
	DATE	6NYCRR PART 375	12/17/2014
	DEPTH (ft)	AND CP-51	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary
Starting Depth	(feet)		13.00
Ending Depth	(feet)		15.00
1,2,4,5-Tetrachlorobenzene	(ug/kg)		160 U
1,4-Dioxane	(ug/kg)	13000	32 U
2,3,4,6-Tetrachlorophenol	(ug/kg)		160 U
2,4,5-Trichlorophenol	(ug/kg)		160 U
2,4,6-Trichlorophenol	(ug/kg)		160 U
2,4-Dichlorophenol	(ug/kg)		160 U
2,4-Dimethylphenol	(ug/kg)		160 U
2,4-Dinitrophenol	(ug/kg)		650 U
2,4-Dinitrotoluene	(ug/kg)		32 U
2,6-Dinitrotoluene	(ug/kg)		32 U
2-Chloronaphthalene	(ug/kg)		65 U
2-Chlorophenol	(ug/kg)		65 U
2-Methylnaphthalene	(ug/kg)		65 U
2-Methylphenol	(ug/kg)	100000	65 U
2-Nitroaniline	(ug/kg)		160 U
2-Nitrophenol	(ug/kg)		160 U
3,3-Dichlorobenzidine	(ug/kg)		65 U
3+4-Methylphenol	(ug/kg)		65 U
3-Nitroaniline	(ug/kg)		160 U
4,6-Dinitro-o-cresol	(ug/kg)		650 U
4-Bromophenyl phenyl ether	(ug/kg)		65 U
4-Chloro-3-methylphenol	(ug/kg)		160 U
4-Chloroaniline	(ug/kg)		160 U
4-Chlorophenyl phenyl ether	(ug/kg)		65 U
4-Nitroaniline	(ug/kg)		160 U
4-Nitrophenol	(ug/kg)		320 U
Acenaphthene	(ug/kg)	100000	32 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-14 JB84478-24 12/17/2014 15.00 Primary
Acenaphthylene	(ug/kg)	100000	32 U
Acetophenone	(ug/kg)		160 U
Anthracene	(ug/kg)	100000	32 U
Atrazine	(ug/kg)		65 U
Benzaldehyde	(ug/kg)		160 U
Benzo(a)anthracene	(ug/kg)	1000	32 U
Benzo(a)pyrene	(ug/kg)	1000	32 U
Benzo(b)fluoranthene	(ug/kg)	1000	32 U
Benzo(ghi)perylene	(ug/kg)	100000	32 U
Benzo(k)fluoranthene	(ug/kg)	3900	32 U
Biphenyl	(ug/kg)		65 U
Bis(2-chloroethoxy)methane	(ug/kg)		65 U
Bis(2-chloroethyl)ether	(ug/kg)		65 U
Bis(2-chloroisopropyl)ether	(ug/kg)		65 U
Bis(2-ethylhexyl)phthalate (BEHP)	(ug/kg)		65 U
Butyl benzyl phthalate	(ug/kg)		65 U
Caprolactam	(ug/kg)		65 U
Carbazole	(ug/kg)		65 U
Chrysene	(ug/kg)	3900	32 U
Dibenzo(a,h)anthracene	(ug/kg)	330	32 U
Dibenzofuran	(ug/kg)	59000	65 U
Diethyl phthalate	(ug/kg)		65 U
Dimethyl phthalate	(ug/kg)		65 U
Di-n-butyl phthalate	(ug/kg)		65 U
Di-n-octyl phthalate	(ug/kg)		65 U
Fluoranthene	(ug/kg)	100000	32 U
Fluorene	(ug/kg)	100000	32 U
Hexachlorobenzene	(ug/kg)	1200	65 U
Hexachlorobutadiene	(ug/kg)		32 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Semivolatile Organic Compounds (SVOCs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-14
	LAB SAMPLE ID		JB84478-24
	DATE	6NYCRR PART 375	12/17/2014
	DEPTH (ft)	AND CP-51	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary
Hexachlorocyclopentadiene	(ug/kg)		320 U
Hexachloroethane	(ug/kg)		160 U
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	32 U
Isophorone	(ug/kg)		65 U
Naphthalene	(ug/kg)	100000	32 U
Nitrobenzene	(ug/kg)	15000	65 U
N-Nitrosodiphenylamine	(ug/kg)		160 U
N-Nitrosodipropylamine	(ug/kg)		65 U
Pentachlorophenol	(ug/kg)	6700	320 U
Phenanthrene	(ug/kg)	100000	32 U
Phenol	(ug/kg)	100000	65 U
Pyrene	(ug/kg)	100000	32 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 and CP-51 Res Residential = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Restricted-Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the SCO.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit (RL). The value is usable as a non-detect at the RL.
J	Estimated value. The value was designated as estimated as a result of the data validation criteria or when a compound was detected at a concentration below the RL but greater than the method detection limit (MDL). The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the RL, however due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated RL.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT			ERM-SB-08	ERM-SB-08	ERM-SB-08
	SITE		ERM-SB-08	ERM-SB-08	ERM-SB-08
	LAB SAMPLE ID		JB84478-3	JB84478-4	JB84478-15
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	2.00	4.00	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	13.3	45.5 J	0.70 U
4,4'-DDE	(ug/kg)	8900	18.6	38.5	0.70 U
4,4'-DDT	(ug/kg)	7900	61.7	119	0.70 U
Aldrin	(ug/kg)	97	0.73 U	0.80 U	0.70 U
alpha-BHC	(ug/kg)	480	0.73 U	0.80 U	0.70 U
alpha-Chlordane	(ug/kg)	4200	10.1	15.6	0.70 U
beta-BHC	(ug/kg)	360	0.73 U	0.80 U	0.70 U
delta-BHC	(ug/kg)	100000	0.73 U	0.80 U	0.70 U
Dieldrin	(ug/kg)	200	11.4	27.3	0.70 U
Endosulfan I	(ug/kg)	24000	0.73 U	0.80 U	0.70 U
Endosulfan II	(ug/kg)	24000	0.73 U	0.80 U	0.70 U
Endosulfan sulfate	(ug/kg)	24000	0.73 U	0.80 U	0.70 U
Endrin	(ug/kg)	11000	0.73 U	0.80 U	0.70 U
Endrin aldehyde	(ug/kg)		0.73 U	0.80 U	0.70 U
Endrin ketone	(ug/kg)		0.73 U	0.80 U	0.70 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.73 U	0.80 U	0.70 U
gamma-Chlordane	(ug/kg)		7.9	12.9	0.70 U
Heptachlor	(ug/kg)	2100	0.73 U	0.80 U	0.70 U
Heptachlor epoxide	(ug/kg)		1.4	2.0 J	0.70 U
Methoxychlor	(ug/kg)		1.5 U	1.6 U	1.4 U
Toxaphene	(ug/kg)		18 U	20 U	17 U
Aroclor 1016	(ug/kg)		37 U	40 U	35 U
Aroclor 1221	(ug/kg)		37 U	40 U	35 U
Aroclor 1232	(ug/kg)		37 U	40 U	35 U
Aroclor 1242	(ug/kg)		37 U	40 U	35 U
Aroclor 1248	(ug/kg)		37 U	40 U	35 U
Aroclor 1254	(ug/kg)		37 U	40 U	35 U
Aroclor 1260	(ug/kg)		37 U	40 U	35 U
Aroclor-1262	(ug/kg)		37 U	40 U	35 U
Aroclor-1268	(ug/kg)		37 U	40 U	35 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-09 JB84478-5 12/17/2014 2.00 Primary	ERM-SB-09 JB84478-6 12/17/2014 2.00 Duplicate 1	ERM-SB-09 JB84478-8 12/17/2014 8.00 Primary
Starting Depth	(feet)		0.00	0.00	6.00
Ending Depth	(feet)		2.00	2.00	8.00
4,4'-DDD	(ug/kg)	13000	7.7 J	1.1 J	47.0
4,4'-DDE	(ug/kg)	8900	3.1 J	1.3 J	80.7 J
4,4'-DDT	(ug/kg)	7900	4.9 J	1.2 J	627 J
Aldrin	(ug/kg)	97	0.68 U	0.68 U	0.73 U
alpha-BHC	(ug/kg)	480	0.68 U	0.68 U	0.73 U
alpha-Chlordane	(ug/kg)	4200	4.3	3.0	95.9 J
beta-BHC	(ug/kg)	360	0.68 U	0.68 U	0.73 U
delta-BHC	(ug/kg)	100000	0.68 U	0.68 U	0.73 U
Dieldrin	(ug/kg)	200	2.6 J	1.5 J	77.5 J
Endosulfan I	(ug/kg)	24000	0.68 U	0.68 U	0.73 U
Endosulfan II	(ug/kg)	24000	0.68 U	0.68 U	0.73 U
Endosulfan sulfate	(ug/kg)	24000	0.68 U	0.68 U	0.73 U
Endrin	(ug/kg)	11000	0.68 U	0.68 U	0.73 U
Endrin aldehyde	(ug/kg)		0.68 U	0.68 U	0.73 U
Endrin ketone	(ug/kg)		0.68 U	0.68 U	0.73 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.68 U	0.68 U	0.73 U
gamma-Chlordane	(ug/kg)		4.1	2.8	94.9 J
Heptachlor	(ug/kg)	2100	0.68 U	0.68 U	3.9 J
Heptachlor epoxide	(ug/kg)		0.68 U	0.68 U	0.73 U
Methoxychlor	(ug/kg)		1.4 U	1.4 U	101 J
Toxaphene	(ug/kg)		17 U	17 U	18 U
Aroclor 1016	(ug/kg)		34 U	34 U	36 U
Aroclor 1221	(ug/kg)		34 U	34 U	36 U
Aroclor 1232	(ug/kg)		34 U	34 U	36 U
Aroclor 1242	(ug/kg)		34 U	34 U	36 U
Aroclor 1248	(ug/kg)		34 U	34 U	36 U
Aroclor 1254	(ug/kg)		34 U	34 U	36 U
Aroclor 1260	(ug/kg)		34 U	34 U	36 U
Aroclor-1262	(ug/kg)		34 U	34 U	36 U
Aroclor-1268	(ug/kg)		34 U	34 U	36 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-10 JB84478-9 12/17/2014 2.00 Primary	ERM-SB-10 JB84478-10 12/17/2014 4.00 Primary	ERM-SB-10 JB84478-11 12/17/2014 15.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	2.5	24.7	0.71 U
4,4'-DDE	(ug/kg)	8900	3.2 J	48.4	0.71 U
4,4'-DDT	(ug/kg)	7900	16.7 J	190	0.71 U
Aldrin	(ug/kg)	97	0.69 U	0.77 U	0.71 U
alpha-BHC	(ug/kg)	480	0.69 U	0.77 U	0.71 U
alpha-Chlordane	(ug/kg)	4200	4.6	20.9	0.71 U
beta-BHC	(ug/kg)	360	0.69 U	0.77 U	0.71 U
delta-BHC	(ug/kg)	100000	0.69 U	0.77 U	0.71 U
Dieldrin	(ug/kg)	200	4.3	38.3	0.71 U
Endosulfan I	(ug/kg)	24000	0.69 U	0.77 U	0.71 U
Endosulfan II	(ug/kg)	24000	0.69 U	0.77 U	0.71 U
Endosulfan sulfate	(ug/kg)	24000	0.69 U	0.77 U	0.71 U
Endrin	(ug/kg)	11000	0.69 U	0.77 U	0.71 U
Endrin aldehyde	(ug/kg)		0.69 U	0.77 U	0.71 U
Endrin ketone	(ug/kg)		0.69 U	0.77 U	0.71 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.69 U	0.77 U	0.71 U
gamma-Chlordane	(ug/kg)		5.0	13.3	0.71 U
Heptachlor	(ug/kg)	2100	0.69 U	0.77 U	0.71 U
Heptachlor epoxide	(ug/kg)		4.2 J	1.3	0.71 U
Methoxychlor	(ug/kg)		1.4 U	1.5 U	1.4 U
Toxaphene	(ug/kg)		17 U	19 U	18 U
Aroclor 1016	(ug/kg)		34 U J	39 U	35 U
Aroclor 1221	(ug/kg)		34 U J	39 U	35 U
Aroclor 1232	(ug/kg)		34 U J	39 U	35 U
Aroclor 1242	(ug/kg)		34 U J	39 U	35 U
Aroclor 1248	(ug/kg)		60.8 J	39 U	35 U
Aroclor 1254	(ug/kg)		34 U J	39 U	35 U
Aroclor 1260	(ug/kg)		53.2 J	39 U	35 U
Aroclor-1262	(ug/kg)		34 U J	39 U	35 U
Aroclor-1268	(ug/kg)		34 U J	39 U	35 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-11 JB84478-12 12/17/2014 2.00 Primary	ERM-SB-11 JB84478-13 12/17/2014 4.00 Primary	ERM-SB-11 JB84478-14 12/17/2014 15.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	2.3	6.1	0.74 U
4,4'-DDE	(ug/kg)	8900	2.8 J	9.2 J	0.74 U
4,4'-DDT	(ug/kg)	7900	12.0	75.3	0.74 U
Aldrin	(ug/kg)	97	0.72 U	0.73 U	0.74 U
alpha-BHC	(ug/kg)	480	0.72 U	0.73 U	0.74 U
alpha-Chlordane	(ug/kg)	4200	16.5	11.4	0.74 U
beta-BHC	(ug/kg)	360	0.72 U	0.73 U	0.74 U
delta-BHC	(ug/kg)	100000	0.72 U	0.73 U	0.74 U
Dieldrin	(ug/kg)	200	4.8 J	11.8	0.74 U
Endosulfan I	(ug/kg)	24000	0.72 U	0.73 U	0.74 U
Endosulfan II	(ug/kg)	24000	0.72 U	0.73 U	0.74 U
Endosulfan sulfate	(ug/kg)	24000	0.72 U	0.73 U	0.74 U
Endrin	(ug/kg)	11000	0.72 U	2.3	0.74 U
Endrin aldehyde	(ug/kg)		0.72 U	0.73 U	0.74 U
Endrin ketone	(ug/kg)		0.72 U	0.73 U	0.74 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.72 U	0.73 U	0.74 U
gamma-Chlordane	(ug/kg)		16.4	12.7	0.74 U
Heptachlor	(ug/kg)	2100	0.72 U	0.73 U	0.74 U
Heptachlor epoxide	(ug/kg)		1.5 J	1.5 J	0.74 U
Methoxychlor	(ug/kg)		1.4 U	1.5 U	1.5 U
Toxaphene	(ug/kg)		18 U	18 U	19 U
Aroclor 1016	(ug/kg)		35 U	36 U	37 U
Aroclor 1221	(ug/kg)		35 U	36 U	37 U
Aroclor 1232	(ug/kg)		35 U	36 U	37 U
Aroclor 1242	(ug/kg)		35 U	36 U	37 U
Aroclor 1248	(ug/kg)		35 U	203	37 U
Aroclor 1254	(ug/kg)		35 U	36 U	37 U
Aroclor 1260	(ug/kg)		124	214	37 U
Aroclor-1262	(ug/kg)		35 U	36 U	37 U
Aroclor-1268	(ug/kg)		35 U	36 U	37 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-12 JB84478-16 12/17/2014 2.00 Primary	ERM-SB-12 JB84478-17 12/17/2014 4.00 Primary	ERM-SB-12 JB84478-20 12/17/2014 15.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	19.7	73.2	0.69 U
4,4'-DDE	(ug/kg)	8900	10.4	83.5	0.69 U
4,4'-DDT	(ug/kg)	7900	61.9	629	0.69 U
Aldrin	(ug/kg)	97	0.69 U	0.84 U	0.69 U
alpha-BHC	(ug/kg)	480	0.69 U	0.84 U	0.69 U
alpha-Chlordane	(ug/kg)	4200	7.0	80.9 J	0.69 U
beta-BHC	(ug/kg)	360	0.69 U	0.84 U	0.69 U
delta-BHC	(ug/kg)	100000	0.69 U	0.84 U	0.69 U
Dieldrin	(ug/kg)	200	12.9	70.9	0.69 U
Endosulfan I	(ug/kg)	24000	0.69 U	0.84 U	0.69 U
Endosulfan II	(ug/kg)	24000	0.69 U	0.84 U	0.69 U
Endosulfan sulfate	(ug/kg)	24000	0.69 U	0.84 U	0.69 U
Endrin	(ug/kg)	11000	0.69 U	0.84 U	0.69 U
Endrin aldehyde	(ug/kg)		0.69 U	0.84 U	0.69 U
Endrin ketone	(ug/kg)		0.69 U	0.84 U	0.69 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.69 U	0.84 U	0.69 U
gamma-Chlordane	(ug/kg)		4.5	78.0	0.69 U
Heptachlor	(ug/kg)	2100	0.69 U	1.1	0.69 U
Heptachlor epoxide	(ug/kg)		0.69 U	5.8 J	0.69 U
Methoxychlor	(ug/kg)		1.4 U	1.7 U	1.4 U
Toxaphene	(ug/kg)		17 U	21 U	17 U
Aroclor 1016	(ug/kg)		34 U	42 U	35 U
Aroclor 1221	(ug/kg)		34 U	42 U	35 U
Aroclor 1232	(ug/kg)		34 U	42 U	35 U
Aroclor 1242	(ug/kg)		34 U	42 U	35 U
Aroclor 1248	(ug/kg)		34 U	42 U	35 U
Aroclor 1254	(ug/kg)		34 U	42 U	35 U
Aroclor 1260	(ug/kg)		34 U	42 U	35 U
Aroclor-1262	(ug/kg)		34 U	42 U	35 U
Aroclor-1268	(ug/kg)		34 U	42 U	35 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

	SITE		ERM-SB-13	ERM-SB-13	ERM-SB-13
	LAB SAMPLE ID		JB84478-18	JB84478-19	JB84478-21
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014
CONSTITUENT	DEPTH (ft)	AND CP-51	2.00	4.00	15.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	26.5	0.72 U	0.69 U
4,4'-DDE	(ug/kg)	8900	23.6	0.72 U	0.69 U
4,4'-DDT	(ug/kg)	7900	151	2.4	0.69 U
Aldrin	(ug/kg)	97	0.70 U	0.72 U	0.69 U
alpha-BHC	(ug/kg)	480	0.70 U	0.72 U	0.69 U
alpha-Chlordane	(ug/kg)	4200	9.7	1.5	0.69 U
beta-BHC	(ug/kg)	360	0.70 U	0.72 U	0.69 U
delta-BHC	(ug/kg)	100000	0.70 U	0.72 U	0.69 U
Dieldrin	(ug/kg)	200	11.1	0.72 U	0.69 U
Endosulfan I	(ug/kg)	24000	0.70 U	0.72 U	0.69 U
Endosulfan II	(ug/kg)	24000	0.70 U	0.72 U	0.69 U
Endosulfan sulfate	(ug/kg)	24000	0.70 U	0.72 U	0.69 U
Endrin	(ug/kg)	11000	0.70 U	0.72 U	0.69 U
Endrin aldehyde	(ug/kg)		0.70 U	0.72 U	0.69 U
Endrin ketone	(ug/kg)		0.70 U	0.72 U	0.69 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.70 U	0.72 U	0.69 U
gamma-Chlordane	(ug/kg)		8.8	1.4	0.69 U
Heptachlor	(ug/kg)	2100	0.70 U	0.72 U	0.69 U
Heptachlor epoxide	(ug/kg)		0.70 U	0.72 U	0.69 U
Methoxychlor	(ug/kg)		1.4 U	1.4 U	1.4 U
Toxaphene	(ug/kg)		18 U	18 U	17 U
Aroclor 1016	(ug/kg)		35 U	34 U	34 U
Aroclor 1221	(ug/kg)		35 U	34 U	34 U
Aroclor 1232	(ug/kg)		35 U	34 U	34 U
Aroclor 1242	(ug/kg)		35 U	34 U	34 U
Aroclor 1248	(ug/kg)		35 U	34 U	34 U
Aroclor 1254	(ug/kg)		35 U	34 U	34 U
Aroclor 1260	(ug/kg)		35 U	34 U	34 U
Aroclor-1262	(ug/kg)		35 U	34 U	34 U
Aroclor-1268	(ug/kg)		35 U	34 U	34 U

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Pesticides/Polychlorinated Biphenyls (Pest/PCBs)

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-14 JB84478-22 12/17/2014 2.00 Primary	ERM-SB-14 JB84478-23 12/17/2014 4.00 Primary	ERM-SB-14 JB84478-24 12/17/2014 15.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00
Ending Depth	(feet)		2.00	4.00	15.00
4,4'-DDD	(ug/kg)	13000	0.68 U	37.5	0.69 U
4,4'-DDE	(ug/kg)	8900	0.68 U	58.7	0.69 U
4,4'-DDT	(ug/kg)	7900	0.68 U	156	0.69 U
Aldrin	(ug/kg)	97	0.68 U	0.75 U	0.69 U
alpha-BHC	(ug/kg)	480	0.68 U	0.75 U	0.69 U
alpha-Chlordane	(ug/kg)	4200	0.68 U	30.4	0.69 U
beta-BHC	(ug/kg)	360	0.68 U	0.75 U	0.69 U
delta-BHC	(ug/kg)	100000	0.68 U	0.75 U	0.69 U
Dieldrin	(ug/kg)	200	0.68 U	63.1	0.69 U
Endosulfan I	(ug/kg)	24000	0.68 U	0.75 U	0.69 U
Endosulfan II	(ug/kg)	24000	0.68 U	0.75 U	0.69 U
Endosulfan sulfate	(ug/kg)	24000	0.68 U	0.75 U	0.69 U
Endrin	(ug/kg)	11000	0.68 U	0.75 U	0.69 U
Endrin aldehyde	(ug/kg)		0.68 U	0.75 U	0.69 U
Endrin ketone	(ug/kg)		0.68 U	0.75 U	0.69 U
gamma-BHC (Lindane)	(ug/kg)	1300	0.68 U	0.75 U	0.69 U
gamma-Chlordane	(ug/kg)		0.68 U	23.3	0.69 U
Heptachlor	(ug/kg)	2100	0.68 U	0.75 U	0.69 U
Heptachlor epoxide	(ug/kg)		0.68 U	4.1	0.69 U
Methoxychlor	(ug/kg)		1.4 U	1.5 U	1.4 U
Toxaphene	(ug/kg)		17 U	19 U	17 U
Aroclor 1016	(ug/kg)		34 U	39 U	36 U
Aroclor 1221	(ug/kg)		34 U	39 U	36 U
Aroclor 1232	(ug/kg)		34 U	39 U	36 U
Aroclor 1242	(ug/kg)		34 U	39 U	36 U
Aroclor 1248	(ug/kg)		34 U	39 U	36 U
Aroclor 1254	(ug/kg)		34 U	39 U	36 U
Aroclor 1260	(ug/kg)		34 U	39 U	36 U
Aroclor-1262	(ug/kg)		34 U	39 U	36 U
Aroclor-1268	(ug/kg)		34 U	39 U	36 U

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Pesticides/Polychlorinated Biphenyls (Pest/PCBs)
Webster Avenue
Bronx, New York 10457
BCP Site C203075

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 and CP-51 Res Residential = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Restricted-Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit (RL). The value is usable as a non-detect at the RL.
J	Estimated value. The value was designated as estimated as a result of the data validation criteria or when a compound was detected at a concentration below the RL but greater than the method detection limit (MDL). The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the RL, however due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated RL.

Table 1

Summary of Laboratory Analytical Results - Soil

Metals

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-08 JB84478-3 12/17/2014 2.00 Primary	ERM-SB-08 JB84478-4 12/17/2014 4.00 Primary	ERM-SB-08 JB84478-15 12/17/2014 15.00 Primary	ERM-SB-09 JB84478-5 12/17/2014 2.00 Primary	ERM-SB-09 JB84478-6 12/17/2014 2.00 Duplicate 1
Starting Depth	(feet)		0.00	2.00	13.00	0.00	0.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	2.00
Aluminum	(mg/kg)		5900 J	6510	10500 J	3690 J	4840 J
Antimony	(mg/kg)		2.2 U J	2.5 U J	2.2 U J	2.1 U J	2.1 U J
Arsenic	(mg/kg)	16	4.0	4.8	2.2 U	2.2	2.1 U
Barium	(mg/kg)	400	[596] J	[2670]	168 J	45.3 J	37.7 J
Beryllium	(mg/kg)	72	0.30	0.32	0.22 U	0.25	0.27
Cadmium	(mg/kg)	4.3	0.65	1.2	0.54 U	0.53 U	0.54 U
Calcium	(mg/kg)		26400	58800	4340	26600	18800
Chromium	(mg/kg)	180	16.3	15.4	40.8	12.5	12.9
Cobalt	(mg/kg)		6.5	6.2 U	7.9	5.7	6.9
Copper	(mg/kg)	270	32.8	22.9	15.8	27.5	37.8
Iron	(mg/kg)		14200	11600	18700	12500	13900
Lead	(mg/kg)	400	306 J	[1250]	3.0 J	32.9 J	26.9 J
Magnesium	(mg/kg)		4460 J	5280 J	7160 J	10800 J	5370 J
Manganese	(mg/kg)	2000	188 J	187	286 J	114 J	116 J
Mercury	(mg/kg)	0.81	0.78	0.42	0.035 U	0.033 U	0.041
Nickel	(mg/kg)	310	13.0	11.2	18.0	11.5	11.4
Potassium	(mg/kg)		1290 J	1740	6170 J	1100 U J	1100 U J
Selenium	(mg/kg)	180	2.2 U	2.5 U	2.2 U	2.1 U	2.1 U
Silver	(mg/kg)	180	0.54 U	0.92	0.54 U	0.53 U	0.54 U
Sodium	(mg/kg)		1100 U	1200 U	1100 U	1100 U	1100 U
Thallium	(mg/kg)		1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Vanadium	(mg/kg)		27.4	19.2	42.5	35.6	37.3
Zinc	(mg/kg)	10000	367 J	1020	58.1 J	37.0 J	33.0 J

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Metals
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE		ERM-SB-09	ERM-SB-10	ERM-SB-10	ERM-SB-10	ERM-SB-11
	LAB SAMPLE ID		JB84478-8	JB84478-9	JB84478-10	JB84478-11	JB84478-12
	DATE	6NYCRR PART 375	12/17/2014	12/17/2014	12/17/2014	12/17/2014	12/17/2014
	DEPTH (ft)	AND CP-51	8.00	2.00	4.00	15.00	2.00
	RESULT TYPE	RES RESIDENTIAL	Primary	Primary	Primary	Primary	Primary
Starting Depth	(feet)		6.00	0.00	2.00	13.00	0.00
Ending Depth	(feet)		8.00	2.00	4.00	15.00	2.00
Aluminum	(mg/kg)		4330 J	6040 J	4750	9570 J	4620 J
Antimony	(mg/kg)		2.2 U J	2.2 U J	2.3 U J	2.1 U J	2.2 U J
Arsenic	(mg/kg)	16	2.9	3.8	6.4	2.1 U	3.9
Barium	(mg/kg)	400	400 J	[734] J	[3170]	69.8 J	82.1 J
Beryllium	(mg/kg)	72	0.22 U	0.42	0.50	0.21 U	0.23
Cadmium	(mg/kg)	4.3	0.55 U	0.54 U	1.5	0.54 U	0.54 U
Calcium	(mg/kg)		44300	26800	42100	3460	31700
Chromium	(mg/kg)	180	14.3	15.3	15.3	67.7	12.3
Cobalt	(mg/kg)		5.5 U	6.6	7.9	9.8	5.4 U
Copper	(mg/kg)	270	12.0	24.9	36.0	49.8	16.4
Iron	(mg/kg)		7890	15200	20800	20300	9270
Lead	(mg/kg)	400	120 J	327 J	[942]	2.9 J	64.2 J
Magnesium	(mg/kg)		1660 J	7550 J	7560 J	7280 J	13000 J
Manganese	(mg/kg)	2000	145 J	213 J	422	140 J	145 J
Mercury	(mg/kg)	0.81	0.10	0.094	0.53	0.032 U	0.11
Nickel	(mg/kg)	310	6.9	11.2	13.8	38.3	9.2
Potassium	(mg/kg)		1100 U J	1280 J	1100 U	1480 J	1100 U J
Selenium	(mg/kg)	180	2.2 U	2.2 U	2.3 U	2.1 U	2.2 U
Silver	(mg/kg)	180	0.55 U	0.54 U	0.64	0.54 U	0.54 U
Sodium	(mg/kg)		1100 U	1100 U	1100 U	1100 U	1100 U
Thallium	(mg/kg)		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Vanadium	(mg/kg)		15.3	42.5	32.3	35.1	22.6
Zinc	(mg/kg)	10000	281 J	301 J	860	35.1 J	68.8 J

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Metals
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-11 JB84478-13 12/17/2014 4.00 Primary	ERM-SB-11 JB84478-14 12/17/2014 15.00 Primary	ERM-SB-12 JB84478-16 12/17/2014 2.00 Primary	ERM-SB-12 JB84478-17 12/17/2014 4.00 Primary	ERM-SB-12 JB84478-20 12/17/2014 15.00 Primary
Starting Depth	(feet)		2.00	13.00	0.00	2.00	13.00
Ending Depth	(feet)		4.00	15.00	2.00	4.00	15.00
Aluminum	(mg/kg)		4630	3880 J	4300 J	7140	6360 J
Antimony	(mg/kg)		2.2 U J	2.2 U J	2.2 U J	4.2 J	2.0 U J
Arsenic	(mg/kg)	16	3.0	2.2 U	2.6	9.9	2.0 U
Barium	(mg/kg)	400	312	23.4 J	290 J	[2170]	31.8 J
Beryllium	(mg/kg)	72	0.33	0.22 U	0.33	0.35	0.20 U
Cadmium	(mg/kg)	4.3	0.62	0.56 U	0.55 U	3.1	0.51 U
Calcium	(mg/kg)		17200	1750	18200	33000	2940
Chromium	(mg/kg)	180	10.3	12.7	11.5	55.3	18.5
Cobalt	(mg/kg)		6.6	5.6 U	6.9	8.0	5.1 U
Copper	(mg/kg)	270	29.6	8.9	26.7	148	21.0
Iron	(mg/kg)		15300	7920	16300	19000	9780
Lead	(mg/kg)	400	143	2.7 J	139 J	[4000]	3.7 J
Magnesium	(mg/kg)		5950 J	2650 J	7130 J	6450 J	3050 J
Manganese	(mg/kg)	2000	143	82.9 J	179 J	328	83.2 J
Mercury	(mg/kg)	0.81	0.23	0.034 U	0.32	0.69	0.035 U
Nickel	(mg/kg)	310	11.4	12.4	11.8	27.2	12.1
Potassium	(mg/kg)		1100 U	1100 U J	1100 U J	1200 U	1280 J
Selenium	(mg/kg)	180	2.2 U	2.2 U	2.2 U	2.5 U	2.0 U
Silver	(mg/kg)	180	0.54 U	0.56 U	0.55 U	1.3	0.51 U
Sodium	(mg/kg)		1100 U	1100 U	1100 U	1200 U	1000 U
Thallium	(mg/kg)		1.1 U	1.1 U	1.1 U	1.2 U	1.0 U
Vanadium	(mg/kg)		24.5	14.7	33.5	82.9	20.7
Zinc	(mg/kg)	10000	169	18.6 J	200 J	1550	25.9 J

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Metals
Webster Avenue
Bronx, New York 10457
BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE LAB SAMPLE ID DATE DEPTH (ft) RESULT TYPE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-13 JB84478-18 12/17/2014 2.00 Primary	ERM-SB-13 JB84478-19 12/17/2014 4.00 Primary	ERM-SB-13 JB84478-21 12/17/2014 15.00 Primary	ERM-SB-14 JB84478-22 12/17/2014 2.00 Primary	ERM-SB-14 JB84478-23 12/17/2014 4.00 Primary
Starting Depth	(feet)		0.00	2.00	13.00	0.00	2.00
Ending Depth	(feet)		2.00	4.00	15.00	2.00	4.00
Aluminum	(mg/kg)		4320 J	3470	8950 J	2970 J	5210 J
Antimony	(mg/kg)		2.1 U J	2.2 U J	2.1 U J	2.0 U J	2.3 U J
Arsenic	(mg/kg)	16	2.9	2.2 U	2.1 U	2.0 U	5.6
Barium	(mg/kg)	400	159 J	53.2	61.9 J	22.7 J	[1960] J
Beryllium	(mg/kg)	72	0.29	0.30	0.26	0.41	0.29
Cadmium	(mg/kg)	4.3	0.52 U	0.55 U	0.52 U	0.50 U	0.89
Calcium	(mg/kg)		26800	12900	3750	5210	43100
Chromium	(mg/kg)	180	10.7	10.7	28.5	9.8	16.7
Cobalt	(mg/kg)		7.1	7.6	6.7	6.6	7.3
Copper	(mg/kg)	270	32.0	28.6	25.1	23.4	30.4
Iron	(mg/kg)		15200	15100	14800	16100	15700
Lead	(mg/kg)	400	67.2 J	34.2	5.3 J	14.1 J	[667] J
Magnesium	(mg/kg)		14700 J	7570 J	4340 J	3630 J	8170 J
Manganese	(mg/kg)	2000	324 J	112	128 J	104 J	232 J
Mercury	(mg/kg)	0.81	0.14	0.033 U	0.034 U	0.033 U	0.050
Nickel	(mg/kg)	310	15.8	11.9	16.4	9.8	14.5
Potassium	(mg/kg)		1000 U J	1100 U	2360 J	1070 J	1200 U J
Selenium	(mg/kg)	180	2.1 U	2.2 U	2.1 U	2.0 U	2.3 U
Silver	(mg/kg)	180	0.52 U	0.55 U	0.52 U	0.50 U	0.58 U
Sodium	(mg/kg)		1000 U	1100 U	1000 U	1000 U	1200 U
Thallium	(mg/kg)		1.0 U	1.1 U	1.0 U	1.0 U	1.2 U
Vanadium	(mg/kg)		30.2	31.1	28.0	32.6	29.9
Zinc	(mg/kg)	10000	98.7 J	51.5	40.3 J	22.0 J	936 J

See the Endnotes following the last page of this table.

Table 1

Summary of Laboratory Analytical Results - Soil

Metals

Webster Avenue

Bronx, New York 10457

BCP Site C203075

PERIOD: From 12/17/2014 thru 12/17/2014 - Inclusive

SAMPLE TYPE: Soil

CONSTITUENT	SITE	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	ERM-SB-14
	LAB SAMPLE ID		JB84478-24
	DATE		12/17/2014
	DEPTH (ft)		15.00
	RESULT TYPE		Primary
Starting Depth	(feet)		13.00
Ending Depth	(feet)		15.00
Aluminum	(mg/kg)		11000
Antimony	(mg/kg)		2.1 U J
Arsenic	(mg/kg)	16	2.1 U
Barium	(mg/kg)	400	87.1
Beryllium	(mg/kg)	72	0.21 U
Cadmium	(mg/kg)	4.3	0.53 U
Calcium	(mg/kg)		3330
Chromium	(mg/kg)	180	41.4
Cobalt	(mg/kg)		11.0
Copper	(mg/kg)	270	22.6
Iron	(mg/kg)		15600
Lead	(mg/kg)	400	4.1
Magnesium	(mg/kg)		9050 J
Manganese	(mg/kg)	2000	158
Mercury	(mg/kg)	0.81	0.036 U
Nickel	(mg/kg)	310	30.2
Potassium	(mg/kg)		1910
Selenium	(mg/kg)	180	2.1 U
Silver	(mg/kg)	180	0.53 U
Sodium	(mg/kg)		1100 U
Thallium	(mg/kg)		1.1 U
Vanadium	(mg/kg)		37.4
Zinc	(mg/kg)	10000	53.0

See the Endnotes following the last page of this table.

Table 1
Summary of Laboratory Analytical Results - Soil
Metals
Webster Avenue
Bronx, New York 10457
BCP Site C203075

Notes:

- mg/kg = milligrams per kilogram (parts per million; ppm).
- All depth measurements are in feet (ft) below ground surface.
- 6NYCRR Part 375 and CP-51 Res Residential = New York State Department of Environmental Conservation (NYSDEC) Restricted Soil Cleanup Objective (SCO) Restricted-Residential as presented in Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(b). Includes Final Commissioner Policy CP-51 / Soil Cleanup Guidance, October 21, 2010.
- Bracketed and highlighted values indicate a positive concentration that exceeds the SCO.

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit (RL). The value is usable as a non-detect at the RL.
J	Estimated value. The value was designated as estimated as a result of the data validation criteria or when a compound was detected at a concentration below the RL but greater than the method detection limit (MDL). The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the RL, however due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated RL.

Figures

N

Legend

- SOIL BORING LOCATION
- TAX LOT BOUNDARY
- 1 TAX LOT NUMBER

0 50 100

GRAPHIC SCALE IN FEET

TITLE

Soil Boring Locations
1960-1982 Webster Avenue
Bronx, NY 10457

PREPARED FOR

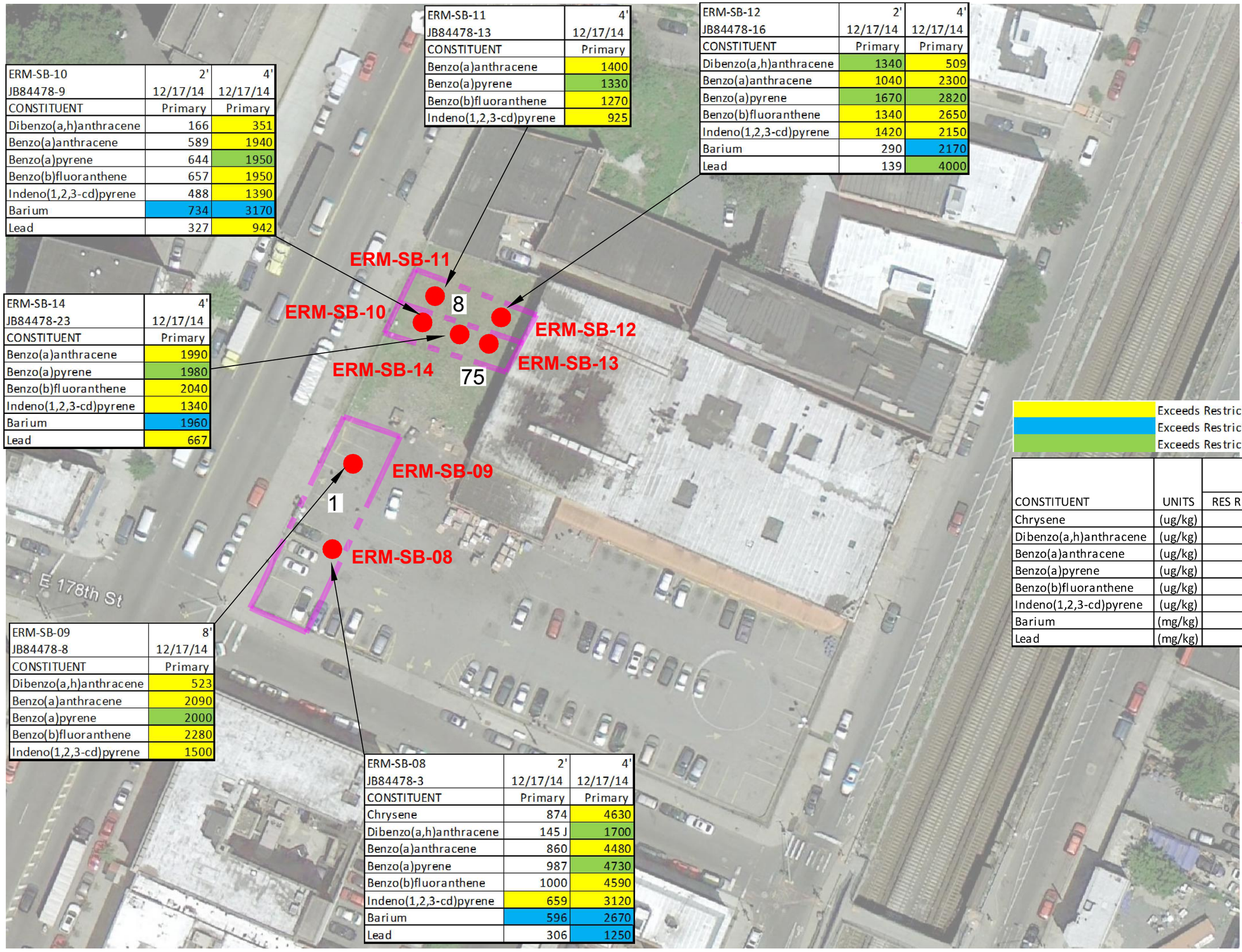
Mountco Construction & Development Corporation

Environmental Resources Management

FIGURE 1

DRAWN BY	SCALE	DATE	JOB NO.
EMF/BML	GRAPHIC	12/23/14	0277671

R:\Scout\Projects\Mountco - Webster Ave, Bronx NY\CAD\2014 Additional R1\2014-12 - Mountco - Soil Boring Locations-v1.dwg (12/23/2014 - 3:44pm Melville)



ERM-SB-10	2'	4'
JB84478-9	12/17/14	12/17/14
CONSTITUENT	Primary	Primary
Dibenzo(a,h)anthracene	166	351
Benzo(a)anthracene	589	1940
Benzo(a)pyrene	644	1950
Benzo(b)fluoranthene	657	1950
Indeno(1,2,3-cd)pyrene	488	1390
Barium	734	3170
Lead	327	942

ERM-SB-11	4'
JB84478-13	12/17/14
CONSTITUENT	Primary
Benzo(a)anthracene	1400
Benzo(a)pyrene	1330
Benzo(b)fluoranthene	1270
Indeno(1,2,3-cd)pyrene	925

ERM-SB-12	2'	4'
JB84478-16	12/17/14	12/17/14
CONSTITUENT	Primary	Primary
Dibenzo(a,h)anthracene	1340	509
Benzo(a)anthracene	1040	2300
Benzo(a)pyrene	1670	2820
Benzo(b)fluoranthene	1340	2650
Indeno(1,2,3-cd)pyrene	1420	2150
Barium	290	2170
Lead	139	4000

ERM-SB-14	4'
JB84478-23	12/17/14
CONSTITUENT	Primary
Benzo(a)anthracene	1990
Benzo(a)pyrene	1980
Benzo(b)fluoranthene	2040
Indeno(1,2,3-cd)pyrene	1340
Barium	1960
Lead	667

ERM-SB-09	8'
JB84478-8	12/17/14
CONSTITUENT	Primary
Dibenzo(a,h)anthracene	523
Benzo(a)anthracene	2090
Benzo(a)pyrene	2000
Benzo(b)fluoranthene	2280
Indeno(1,2,3-cd)pyrene	1500

ERM-SB-08	2'	4'
JB84478-3	12/17/14	12/17/14
CONSTITUENT	Primary	Primary
Chrysene	874	4630
Dibenzo(a,h)anthracene	145 J	1700
Benzo(a)anthracene	860	4480
Benzo(a)pyrene	987	4730
Benzo(b)fluoranthene	1000	4590
Indeno(1,2,3-cd)pyrene	659	3120
Barium	596	2670
Lead	306	1250

N

Legend

- SOIL BORING LOCATION
- TAX LOT BOUNDARY
- 1 TAX LOT NUMBER
- ug/kg MICROGRAMS PER KILOGRAM (SVOCS)
- mg/kg MILLIGRAMS PER KILOGRAM (METALS)

Note: ERM-SB-13 did not exhibit any exceedances of Restricted Residential, Commercial or Industrial SCO's.

Exceeds Restricted Residential SCOs
Exceeds Restricted Residential and Commercial SCOs
Exceeds Restricted Residential, Commercial and Industrial SCOs

CONSTITUENT	UNITS	6NYCRR PART 375 AND CP-51 RES RESIDENTIAL	COMMERCIAL SCO	RES INDUSTRIAL
Chrysene	(ug/kg)	3900	56000	110000
Dibenzo(a,h)anthracene	(ug/kg)	330	560	1100
Benzo(a)anthracene	(ug/kg)	1000	5600	11000
Benzo(a)pyrene	(ug/kg)	1000	1000	1100
Benzo(b)fluoranthene	(ug/kg)	1000	5600	11000
Indeno(1,2,3-cd)pyrene	(ug/kg)	500	5600	11000
Barium	(mg/kg)	400	400	10000
Lead	(mg/kg)	400	1000	3900

0 50 100
GRAPHIC SCALE IN FEET

TITLE

Exceedances of SCOs
1960-1982 Webster Avenue
Bronx, NY 10457

PREPARED FOR
Mountco Construction & Development Corporation

Environmental Resources Management

FIGURE 2

DRAWN BY	SCALE	DATE	JOB NO.
EMF	GRAPHIC	12/31/14	0277671

R:\Scout\Projects\Mountco - Webster Ave, Bronx NY\CAD\2014 Additional RI\2014-12 --SB Exceedances - Spider - v1.dwg (12/31/2014 - 12:21pm Melville)

Appendix A

ENVIRONMENTAL Data Services, Inc.

DATA USABILITY SUMMARY REPORT (DUSR)

Client: ERM, Melville, New York

Site: Webster Avenue, Bronx, New York

SDG #s: JB84478

Laboratory: Accutest Laboratories – Dayton, New Jersey Date: January 2, 2015

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
01	TB121714	JB84478-1	QC
02	FB121714	JB84478-2	QC
03	ERM-SB-08(0-2')	JB84478-3	Soil
04	ERM-SB-08(2-4')	JB84478-4	Soil
05	ERM-SB-09(0-2')	JB84478-5	Soil
06	DUP121714 (ERM-SB-09(0-2'))	JB84478-6	Soil
07 *	ERM-SB-09(2-4')	JB84478-7	Soil
08	ERM-SB-09(6-8')	JB84478-8	Soil
09	ERM-SB-10(0-2')	JB84478-9	Soil
09 MS	ERM-SB-10(0-2') MS	JB84478-9S	Soil QC
09 MSD	ERM-SB-10(0-2') MSD	JB84478-9D	Soil QC
10	ERM-SB-10(2-4')	JB84478-10	Soil
11	ERM-SB-10(13-15)	JB84478-11	Soil
12	ERM-SB-11(0-2')	JB84478-12	Soil
13	ERM-SB-11(2-4')	JB84478-13	Soil
14	ERM-SB-11(13-15')	JB84478-14	Soil
15	ERM-SB-08(13-15')	JB84478-15	Soil
16	ERM-SB-12(0-2')	JB84478-16	Soil
17	ERM-SB-12(2-4')	JB84478-17	Soil
18	ERM-SB-13(0-2')	JB84478-18	Soil
19	ERM-SB-13(2-4')	JB84478-19	Soil
20	ERM-SB-12(13-15')	JB84478-20	Soil
21	ERM-SB-13(13-15')	JB84478-21	Soil
22	ERM-SB-14(0-2')	JB84478-22	Soil
23	ERM-SB-14(2-4')	JB84478-23	Soil
24	ERM-SB-14(13-15')	JB84478-24	Soil

Note (s): The analysis for several samples was listed on the Chain-of-Custody (COC) as HOLD. All samples except EDS ID 07 were removed from HOLD and had their requested analyses performed. No results are provided for EDS ID 07.

The laboratory reports positively identified results between the reporting limit (RL) and the method detection limit (MDL) with a J. These results are considered estimated, however still valid and useable for project objectives.

The laboratory reports non-detects as ND on their Form Is for organic analyses and < for inorganic analyses. Any qualification that requires non-detects to be qualified as estimated, UJ, will be presented on the Form Is as ND J for organics and < J for inorganics.

VOLATILE ORGANIC COMPOUNDS

USEPA SW-846 8260C

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-24, Revision 4, September 2014: Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B & 8260C, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - All surrogate percent recoveries (%R) met QC criteria.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. No qualification of sample data is performed from the batch QC. All %R and relative percent difference (RPD) met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Chloromethane	135&137/OK	None *

* No action is required as the bias is high and the compound was a non-detect in the associated sample.

Matrix Duplicate (MD) – All RPD were within QC criteria in the MD except for those listed in the table below.

QC Sample (EDS ID)	Compound (s)	RPD	Action
10	m,p-Xylene o-Xylene Xylene (total)	NC	None *

* The RPD was not calculable (NC). No action is required as the amount detected is less than 2x the RL.

Blank Spike Samples (BSS) – All %R met QC criteria except those listed in the table below.

QC Sample	Compound(s)	%R (QC Limits)	Associated EDS IDs	Action
V4D2451-BS	1,2-Dichloroethane	136 (75-133)	02	None *
VY6581-BS	cis-1,2-Dichloropropene	120 (75-115)	04, 10 ,13, 17, 19, 22, 24	None *

* No action is required as the bias is high and all compounds were non-detects in all associated samples.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank/Trip Blank (FB/TB) - The field blank and trip blank exhibited no target compounds.

GC/MS Tuning - All of the BFB tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited acceptable %RSD and mean relative response factor (RRF) values.

Continuing Calibration (CCV) – The CCVs exhibited acceptable percent deviation (%D) and RRF values except those listed in the table below.

QC Sample	Compound	%D	Associated EDS IDs	Action
V4D2451-CC2327	Carbon Tetrachloride 1,2-Dichloroethane Bromodichloromethane	-28.8 -41.8 28.2	2	J/UJ
VY6580-CC6568	Acetone 2-Butanone 2-Hexanone	-91.3 -77.1 -60.3	23	J/UJ

Internal Standard (IS) Area Performance - All internal standards met area response and retention time (RT) criteria.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Acetone was positively identified in EDS ID 05 (5.1 J ug/kg) but not in EDS ID 06 (12 U ug/kg). No qualification of the sample data is required as the concentration of Acetone detected was less than 2x the RL. m+p-Xylene, o-Xylene, and Xylene (total) were positively identified in EDS ID 06 (0.98, 0.38, and 1.4 ug/kg respectively) but not in EDS ID 05 (1.2 U ug/kg for all). Again, no qualification of the sample data is required as the concentrations of m+p-Xylene, o-Xylene, and Xylene (total) detected were less than 2x the RL. All other compounds compared well.

Sample Analysis - No issues were observed.

SEMIVOLATILE ORGANIC COMPOUNDS
USEPA SW-846 8270D

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-22, Revision 3, October 2006: Validating Semivolatile Organic Compounds by SW-846 Method 8270, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - All surrogate %R were within QC criteria except those listed below. Data are not qualified with respect to surrogate %R unless two or more semivolatile surrogates, within the same fraction, are out of QC limits. No qualification of the sample data is therefore required.

Sample (EDS ID)	Surrogate Compound(s)	%R (QC criteria)	Action
4	2,4,6-Tribromophenol	128 (20-123)	None
OP80556-BS1	2,4,6-Tribromophenol	126 (20-123)	None

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly. QC applicable to field blanks has not been listed as qualification of those QC samples is not performed.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Atrazine	OK/42	UJ *
4 (lab selected)	See Note **	See Note **	See Note **

* Compound was a non-detect in EDS ID 09.
** Sample was selected by lab for batch QC. Sample was reanalyzed at a dilution due to the elevated presence of several target compounds and a possible matrix interference. An evaluation of the accuracy and precision could not be performed and therefore no data has been qualified.

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the soil samples exhibited no target compounds. The method blank applicable to the field blank, EDS ID 02, exhibited bis(2- Ethylhexyl)phthalate, 2-Methylnaphthalene, and Naphthalene. No qualification of the sample data has been performed on the FB. Some system artifacts or aldol-condensation products were observed as TICs, but these do not require qualification.

Field Blank (FB) - The field blank exhibited no target compounds except Di-n-butyl phthalate (1.5 ug/l) and bis(2-Ethylhexyl)phthalate (3.7 ug/l). Di-n-butyl phthalate or bis(2-Ethylhexyl)phthalate detected in any associated sample at a concentration less than 10x that found in the FB is considered attributable to possible field contamination and negated and qualified U. All concentrations positively identified were greater than 10x are considered real and do not require qualification.

GC/MS Tuning - All of the DFTPP tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited acceptable %RSD and mean RRF values.

Continuing Calibration (CCV) – The CCVs exhibited acceptable %D and RRF values except those listed in the table below. CCVs associated with QC samples only have not been listed.

QC Sample	Compound	%D	Associated EDS IDs	Action
E2P1880-CC1876	2,4-Dinitrophenol	-30.6	3, 4, 5, 6, 10, 11, 12, 14, 17, 19, 23, 24	None *
E3P1693-CC1653	bis(2-Chloroisopropyl)ether aka 2,2'-Oxybis-(1-chloropropane)	40.1	4, 8, 9, 13, 16, 18, 22	None *
	Hexachlorobutadiene	-30.7		None *

* Compound was a non-detect in associated samples.

Internal Standard (IS) Area Performance - All IS area responses and RT criteria were met.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Benzo(a)anthracene (184 ug/kg), Benzo(a)pyrene (201 ug/kg), Benzo(b)fluoranthene (188 ug/kg), Benzo(g,h,i)perylene (184 ug/kg), Chrysene (162 ug/kg), and Fluoranthene (197 ug/kg) were positively identified in EDS ID 05 but not in EDS ID 06 (320 U ug/kg for all). No qualification of the sample data is required as the concentration of the compounds listed were less than 2x the RL.

Sample Analysis – The table below summarizes samples that were analyzed at a dilution. Several samples were initially analyzed at a dilution due to matrix interferences and/or the viscous nature of the sample extracts. The dilutions were justified and all target compounds were within the calibration range of the instrument, therefore no further action was required and no qualification of the sample data is necessary. No compounds (NA) have been listed in the table for this occurrence. Samples were also reanalyzed at dilutions due to target compounds exceeding the calibration range of the instrument. These samples have been listed in this table with a DL suffix after the EDS ID. The laboratory has reported the final result for all compounds on the Form I and footnoted which results are from the secondary analysis. Only the compounds listed in the table below are reported from the diluted analysis. Again, no qualification of the sample data is required.

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
3	NA	10 x
4 DL	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Chrysene, bis(2-Ethylhexyl)phthalate, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, Pyrene	10 x
5	NA	10 x
6	NA	10 x
8	NA	5 x
12	NA	10 x
16 DL	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene	2 x
17	NA	2 x
18	NA	2 x
22	NA	2 x
23	NA	2 x

No other issues were observed.

PESTICIDE ORGANIC COMPOUNDS

USEPA SW-846 8081B

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-44, Revision 1, October 2006: Validating Pesticide Organic Compounds by SW-846 Method 8081, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - The %R for Decachlorobiphenyl (DCB) and Tetrachloro-m-xylene (TCX) were within QC criteria in all samples on both the primary (1°) analytical column and the confirmation (2°) analytical column except those listed below.

Sample (EDS ID)	Surrogate Compound (s)	%R (QC criteria)	Action
04	DCB (2°)	214 (10-144)	NA *
08 DL	TCX (1°) TCX (2°) DCB (1°) DCB (2°)	0 (10-129) 0 (10-129) 0 (10-144) 0 (10-144)	J / NA **
10	DCB (2°)	186 (10-144)	NA *
23	DCB (2°)	147 (10-144)	NA *

* - No qualification is required as the %R was within QC criteria on the1° column, and outside QC criteria on the 2°column.

** - Professional Judgement. Positives qualified J while non-detects do not require qualification..

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
09	4,4'-DDT Methoxychlor	209 & 351 / OK OK & 181 / OK	J * None **

* The bias is high and the compound was a positive detect in the associated sample.
** The bias is high and the compound was a non-detect in the associated sample.

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank (FB) - The field blank exhibited no target compounds.

Calibration - The initial and continuing calibrations met QC criteria. The laboratory noted on the Form I for EDS ID 13 that the result for gamma-Chlordane is reported from the confirmation analytical column and that the criteria were exceeded on the primary analytical column. No qualification of the sample data is required.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Results between the sample and the blind field duplicate differed by more than 100% for 4,4'-DDD and 4,4'-DDT. Results for these compounds in EDS ID 05 and 06 only have been qualified J. All other results matched well.

Sample Analysis – The table below summarizes samples that were reanalyzed at dilutions due to target compounds exceeding the calibration range of the instrument in the initial analyses. These samples have been listed in this table with a DL suffix after the EDS ID. The laboratory has reported the final result for all compounds on the Form I and footnoted which results are from the secondary analysis. Only the compounds listed in the table below are reported from the diluted analysis. The dilutions were justified therefore no further action was required and no qualification of the sample data is necessary.

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
4 DL	4,4'-DDT	10 x
8 DL	alpha-Chlordane, gamma-Chlordane, Dieldrin, 4,4'-DDE, 4,4'-DDT, Methoxychlor	20 x
10 DL	4,4'-DDT	10 x
13 DL	4,4'-DDT	10 x

Sample (EDS ID)	Compound (s) Requiring Dilution	Dilution Factor
17 DL	alpha-Chlordane, gamma-Chlordane, Dieldrin, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT	10 x
18 DL	4,4'-DDT	5 x
23 DL	4,4'-DDT	10 x

The table below includes samples where the RPD between the concentrations of the positively identified compound listed differed by more than 40% between the two analytical GC columns. The lower of the two concentrations have been reported. These results are considered estimated and have been qualified J.

Sample (EDS ID)	Compound (s)	%D
4	4,4'-DDD Heptachlor epoxide	40.2 96.1
5	Dieldrin 4,4'-DDE	55.6 46.9
6	Dieldrin 4,4'-DDE	42.1 47.1
8	alpha-Chlordane Heptachlor Methoxychlor	75.8 103.1 62.6
9	4,4'-DDE Heptachlor epoxide	69.4 104.5
12	Dieldrin 4,4'-DDE Heptachlor epoxide	47.6 56.4 53.7
13	4,4'-DDE Heptachlor epoxide	54.5 151.2
17	alpha-Chlordane Heptachlor epoxide	75.5 99.1

No other issues were observed.

POLYCHLORINATED BIPHENYL COMPOUNDS
USEPA SW-846 8082A

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Data Review (August 2014), the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-45, Revision 1, October 2006: Validating PCB Compounds by SW-846 Method 8082A, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - The %R for DCB and TCX were within QC criteria in all samples on both the primary (1°) and confirmation (2°) analytical column except those listed below.

Sample (EDS ID)	Surrogate Compound (s)	%R (QC criteria)	Action
4	DCB (1°)	162 (10-155)	NA *

* - No qualification of the sample data is required as no positive detections were observed.

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also provided batch QC from samples not from this dataset to fulfill method requirements. No qualification is performed from the batch QC. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly.

QC Sample (EDS ID)	Compound (s)	%R/RPD	Action
9	Aroclor 1016 Aroclor 1260	OK & OK / 84 OK & OK / 175	J / UJ entire sample

Blank Spike Samples (BSS) – All %R met QC criteria.

Method Blank (MB) - The method blanks applicable to the samples exhibited no target compounds.

Field Blank (FB) - The field blank exhibited no target compounds.

Calibration - The initial and continuing calibrations met QC criteria.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. All results matched well.

Sample Analysis – No issues were observed.

METALS

USEPA SW-846 6010C/7470A-7471B

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Inorganic Data Review (August 2014), the USEPA Region II Data Review SOP Numbers HW-2a, Revision 15, December 2012: ICP-AES Data Validation and HW-2c, Revision 15, December 2012: Mercury and Cyanide Data Validation, and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Initial and Continuing Calibration - The calibrations applicable to the samples in this project met QC criteria.

CRQL Standard – The CRQL standard met QC criteria. No major issues were observed.

Blanks - The initial calibration, continuing calibration, and preparation blanks exhibited no target analytes that required qualification of the sample data.

ICP Interference Check Sample – All %R were within QC criteria.

MS/MSD - An MS/MSD was collected and analyzed on EDS ID 09. The laboratory also selected samples from this dataset for MS/MSD analysis as well as provided batch QC from samples not from this dataset to fulfill method requirements. All %R and RPD met QC criteria except for those listed in the table below. The result for these compounds in the unspiked portion of the sample only may be biased and have been qualified accordingly. QC applicable to field blanks has not been listed as qualification of those QC samples is not performed

QC Sample (EDS ID)	Analyte (s)	%R / RPD	Action	Associated Samples
9 Batch MP83978	Aluminum Antimony Barium Lead Magnesium Manganese Potassium Zinc	OK & 49.1 / 20.2 58.9 & 61.2 / OK 127.4 & 63.7 / 51.6 619.9 & OK / 109.3 153.2 & 164.3 / OK 65.1 & 63.2 / OK 145.8 & OK / 39.4 64.6 & 46.2 / OK	J/UJ J/UJ J/UJ J/UJ J/NA J/UJ J/UJ J/UJ	3, 5, 6, 8, 9, 11, 12, 14, 15, 16, 18, 20, 21, 22, 23
13 (lab selected) Batch MP83996	Antimony Magnesium	61.8 & 64.4 / OK 213.6 & 318.5 / 20.5	J/UJ J/UJ	4, 10, 13, 17, 19, 24

Blank Spike Sample (BSS) - The BSS samples exhibited acceptable %R values.

ICP Serial Dilution (SD) – The serial dilutions exhibited acceptable RPD except for those listed in the table below.

QC Sample (EDS ID)	Analyte (s)	%D	Action	Associated Samples
9 Batch MP83978	Calcium Iron Zinc	11.1 10.9 11.9	NA *	3, 5, 6, 8, 9, 11, 12, 14, 15, 16, 18, 20, 21, 22, 23
13 (lab selected) Batch MP83996	Sodium Vanadium	10.7 10.9	NA *	4, 10, 13, 17, 19, 24

*Validation Criteria for soil is 15%.

Field Blank (FB) - The field blank exhibited no target compounds.

Blind Field Duplicate – One blind field duplicate sample was collected with this data set; EDS ID 06 was collected from EDS ID 05. Arsenic was positively identified in EDS ID 05 (2.2 mg/kg) but not in EDS ID 06 (2.1 U mg/kg). No qualification of the sample data is required as the concentration of Arsenic detected was less than 2x the RL. Mercury was positively identified in EDS ID 06 (0.041 mg/kg) but not in EDS ID 05 (0.033 U mg/kg). Again, no qualification of the sample data is required as the concentration of Mercury detected was less than 2x the RL. All other compounds compared well.

Sample Analysis – No issues were observed.

Appendix B

ERM NE

105 Maxess Road, Suite 316, Melville, NY 11747

BORING LOG

Boring Number ERM-SB-08

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
2		NA	0.0	Fill	Dark brown silty sands, some gravel and brick fragments. Poorly Sorted. Trace glass fragments. Dry/Moist.
4		NA	0.0	Fill	Same as above.
6		NA 4'	0.0	Fill	Same as above. Very poorly sorted sands, some gravel, trace fractured cobble.
8		↓	0.0	Fill	Wood fragments present, but same as above.
10		↓	0.0	Fill	Same as above.
12		4'	0.0	Fill	Same as above.
14		↓	0.0	Fill	Same as above.
16		↓	0.0	Fill	Same as above. End of Boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

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BORING LOG

Boring Number ERM-SB-09

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
2		NA	0.0	Fill	Dark brown silty sand and gravel. Some red brick fragments.
4		NA	0.0	Fill	Same as above with pieces of rag or cloth found at 4'bgs.
6		NA 4'	0.0 2.3	Fill	Poorly sorted silty sands with red brick and concrete fragments.
8			123.0 4.2	Fill	Same as above.
10		4'	27.8 0.3	Fill	Same as above.
12		4'	23.2 0.3	GM	Silty fine to medium sand, some coarse sand, travel coarse gravel and fractured cobble.
14			0.0	GM	Same as above.
16			0.0	GM	Moist. End of boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

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BORING LOG

Boring Number ERM-SB-10

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
2		NA	0.0	Fill	Dark brown, poorly sorted silty sands, some brick fragments, trace gravel.
4		NA	0.0	Fill	Same as above.
6		NA 4'	0.0	Fill	Granite/quartz fractured cobble from 5 to 5.5'bgs Silty coarse sand, some red brick fragments.
8		↓	0.0	Fill PT	Peat/Meadow Matt
10		↓	0.0	SM	Fine sand, some silt, trace coarse sand and gravel.
12		4'	0.0	SM/GM	Silty Sand, poorly sorted, some gravel and fractured cobbles.
14		↓	0.0	SM	Orange silty fine to medium sand. Well sorted, trace gravel.
16		↓	0.0	SM	Same as above. End of boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

105 Maxess Road, Suite 316, Melville, NY 11747

BORING LOG

Boring Number ERM-SB-11

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
2		NA	0.0	Fill	Dark brown silty sands, some gravel and brick fragments. Poorly sorted.
4		NA	0.0	Fill	Same as above.
6		NA 4'	0.0	Fill	Same as above. Red bricks, silty sands, some gravel. Poorly sorted, brown.
8		↓	0.0	Fill	Same as above.
10		↓	0.0	Fill	Same as above.
12		4'	0.0	SM	Silty fine to medium sands, some coarse sand, tracel gravel. Med. well sorted.
14		↓	0.0	SM	Same as above.
16		↓	0.0	SM	Same as above. End of boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

105 Maxess Road, Suite 316, Melville, NY 11747

BORING LOG

Boring Number ERM-SB-12

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
		NA	0.0	Fill	Red Brick at top of boring.
2					Dark brown silty sands and gravel. Very poorly sorted.
4		NA	0.0	Fill	Same as above.
6		NA 4'	0.0	Fill	Same as above.
				SM	Dark brown, silt, some clay, trace fine to medium sand.
8			0.0	SM	Same as above.
10			0.0	SM/GM	Poorly sorted brown sands, some silt and gravel.
12		4'	0.0	GM	Silty sands, some gravel/fractured cobble. Very poorly sorted.
14			0.0	GM	Same as above.
16			0.0	SM	Medium and coarse sand, light brown, trace silt and gravel. Moist.
					End of boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

105 Maxess Road, Suite 316, Melville, NY 11747

BORING LOG

Boring Number ERM-SB-13

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
2		NA	0.0	Fill	Silty fine to coarse sands, poorly sorted, some angular gravel.
4		NA	0.0	Fill	Same as above.
6		NA 4'	0.0	Fill	Some red brick mixed in with silty fine to coarse sands, poorly sorted, angular gravel. Red brick fragments and glass. Poorly sorted sands and silt. some gravel.
8			0.0	Fill SM	Same as above. Silt and clay, some sands. Well sorted.
10			0.0	SM GM	Poorly sorted sands, some gravel/fractured cobble.
12		4'	0.0	GM	Same as above.
14			0.0	GM	Same as above.
16			0.0	SM	Medium to coarse sand, some fine sand, trace silt/gravel End of boring at 15'bgs.

Signature: _____ Date: _____

ERM NE

105 Maxess Road, Suite 316, Melville, NY 11747

BORING LOG

Boring Number ERM-SB-14

Project Name & Location	Project Number	Date & Time Started: 12/17/2014		
Webster Avenue	277671	Date & Time Completed: 12/17/2014		
Drilling Company	Foreman	Sampler(s)	Sampler Hammer	Drop
EPhase 2	Steve Bitetto	Karen Pickering	Macro Core	5'
Drilling Equipment	Method	Elevation & Datum	Completion Depth	Rock Depth
Geoprobe	Direct Push	NA	15'bgs	NA
Bit Size(s)	Core Barrel(s)	Geologist(s)		
	Macro Core	Karen Pickering		

DEPTH (ft below grade)	SAMPLES: Sample Number	Recovery (feet)	PID (ppm)	USCS/ MUNSELL COLOR CHART	SOIL DESCRIPTION
0	**LOCATION:**				**SURFACE DESCRIPTION:**
		NA	13.3	Fill	Dark brown silty sands and gravel. Very poorly sorted. Some brick fragments.
2			10.4		
		NA	0.5	Fill	Lighter in color. Brick fragments with fine to coarse sands, some gravel.
4			0.0		Many brick fragments
		NA 4'	0.0	Fill	
6					Large cobbles/brickfragments
			0.0	GM	Granite Boulder/large cobble fractured by geoprobe.
8					
10			0.0	GM	Poorly sorted sands and gravel, trace silt and cobble.
12		4'	0.0	GM	Same as above.
14			0.0	GM	Same as above.
16			0.0	GM	Same as above. End of boring at 15'bgs.

Signature: _____ Date: _____