PROGRESS REPORT #8

La Central Redevelopment Project

Bronx, New York

Brownfield Cleanup Agreement Index #C203086

Reporting Period: May 2017

Introduction

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

I. Actions Taken during the Reporting Period

The following activities relative to the Brownfield Cleanup Agreement were completed during the reporting period:

- Copies of the NYSDEC/NYSDOH approved RIR/RAWP were placed in the document repositories on May 3, 2017.

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

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

- Conduct a pre-construction meeting with representatives of NYSDEC, the Volunteer and the remedial contractor.

III. Changes to Scope of Work or Schedule

The current schedule is provided as follows:

Schedule	
BCA Executed	October 11, 2016
RIWP and CPP Approved	October 18, 2016
Implement RIWP	October 19, 2016
Submit Remedial RIR/RAWP	January 4, 2017
Submit RIR/RAWP revisions	February 2017
Implement pre-design sampling and *in situ* waste characterization sampling	March 2017

Schedule	
RIR/RAWP Comment Period Complete	April 22, 2017
Receive Decision Document approving RIR/RAWP	April 28, 2017
Start Construction / Implement RAWP – Building D Parcel	July 2017
Start Construction / Implement RAWP – Building A & B Parcels	October 2017
Draft Site Management Plan (SMP)	TBD
SMP Approval/Submittal of Electronic Data in EQUIS format/EE Executed	TBD
Draft Final Engineering Report (FER)	TBD
Recording of EE and Notices Provided	TBD
Submit Final FER	TBD
Certificate of Completion	TBD

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

- A waste characterization soil sampling report, completed by others, will be included with this progress report; this report applies to the Building D parcel only.

V. Deliverables Submitted during the Reporting Period

- Progress Report #7 was submitted to NYSDEC on May 9, 2017.

VI. Percentage of Work Completion and Any Delays

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

VII. Citizen Participation Plan Actions Taken during the Reporting Period

- Copies of the NYSDEC/NYSDOH approved RIR/RAWP were placed in the document repositories on May 3, 2017.

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

- Fact Sheet announcing the start of remediation will be distributed by NYSDEC.

Waste Characterization Report

May 11, 2017

Monadnock Construction Inc.

155 3rd Street

Brooklyn, New York 11231

RE: **Waste Characterization Report**

La Central Building D
626 Bergen Avenue
Bronx, NY 10455
Block 2361, Lots 25

Impact Environmental Closures, Inc. ("Impact") is pleased to present Monadnock Construction Inc. (the Client) the following Waste Characterization Report (WCR) prepared for the La Central Building D property located at 626 Bergen Avenue in Bronx, New York and identified as Block 2361 Lot 25 on the New York City Tax Map (the Site). The scope of this work included installation of test pits and advancement of soil borings, collection of in-situ soil samples, and laboratory analysis of soil samples. The scope was conducted for the purpose of 1) providing analytical chemical data to assist in estimating costs related to the off-Site transportation and disposal of excess soil/fill generated during Site redevelopment and 2) procurement of disposal facility approvals for excavated Site soils.

The waste characterization services performed at the Site were based upon industry standard disposal facility acceptance criteria. According to Site and development construction plans provided by the Client, development excavation will be advanced to approximately 15 feet below grade surface (bgs) in the area of the proposed new building cellar area; 5 feet bgs in the proposed building slab-on-grade foundation area; and to 2 feet bgs within the area of the proposed landscaped area. The proposed redevelopment excavations will generate an estimated total of 4,750 cubic yards of soil/fill to be removed from the Site. This waste characterization study targets the soil/fill located within the proposed excavation areas for the future Site building and landscaping.

SITE DESCRIPTION

The Site is located at 626 Bergen Avenue in Bronx, New York, identified as Block 2361 Lots 25 on the New York City Tax Map and is approximately 22,756 square feet in area. The Site is bounded by Bergen Avenue to the west; a vacant, undeveloped lot to the north (Block 2361 Lot 50); East 152nd Street and a vacant, undeveloped lot to the south (Block 2361 Lot 1); a vacant undeveloped lot (Block 2361 Lot 26) and Brook Avenue to the east. The Site is currently unimproved vacant land. The surface area of the Site exposed soil and vegetative overgrowth.

According to historic Sanborn Fire Insurance maps, the Site was developed as early as 1908 by multiple dwellings, stores, and commercial provisions and packaging companies. All Site buildings were demolished in circa 1989 and the property has remained unimproved since.

Proposed redevelopment of the Site includes a nine-story mixed residential/commercial use building and landscaped courtyard. The Site building will consist of 160 supportive housing units, 4,400 square feet of community space, and 7,300 square feet of office space.

WASTE CHARACTERIZATION SOIL SAMPLING

Impact performed in-situ waste characterization sampling on April 27-28, 2017 and May 1, 2017. The entire Site was divided horizontally into five waste characterization grids (identified as WC-1 through WC-5), corresponding to the proposed building and landscaped area excavation extents and depths. A total of nine soil borings were advanced via direct-push drilling equipment in the northeastern corner of the Site, corresponding to the proposed cellar foundation excavation area. Three soil borings (SB-1 through SB-3) were completed in grid WC-1; SB-1 and SB-3 were advanced to a depth of 15 feet bgs, SB-2 was advanced to refusal at 11 feet bgs. Soil borings SB-4 through SB-6 were completed in grid WC-2; SB-4 and SB-6 were advanced to a depth of 15 feet bgs, SB-5 was advanced to a depth of 25 feet bgs and subsequently converted to a permanent 2-inch diameter groundwater monitoring well. Three soil borings (SB-7 through SB-9) were completed in grid WC-3; all three of the soil borings were advanced to a depth of 15 feet bgs. A total of ten test pits were excavated, by hydraulic excavation equipment, throughout the southeastern and western portion of the Site, corresponding to the proposed slab-on-grade foundation excavation (WC-4) and proposed landscaped area (WC-5). Five test pits were excavated to a depth of 2 feet bgs in waste characterization grid WC-5 (TP-1 through TP-5). Five test pits

(TP-6 through TP-10) were installed in grid WC-4 to a depth of 5 feet bgs. Development plans for the Site require excavation down to approximately 15 feet below grade surface (bgs) in the area of the proposed new building cellar area; 5 feet bgs in the proposed building slab-on-grade foundation area; and to 2 feet bgs within the area of the proposed landscaped area. Test pit, soil boring, and waste characterization grid locations are depicted in **Figure 1**.

Within each waste characterization grid, one discrete sample was collected based on field screening (visual, olfactory, and instrumental screening using a photo-ionization detector (PID)) and was submitted for certified laboratory analysis for volatile organic compounds (VOCs) utilizing USEPA Method 8260. A discrete grab sample of native soil was also collected from SB-1 and submitted for certified laboratory analysis for VOCs utilizing USEPA Method 8260. In addition, a 5-point composite sample was collected within each waste characterization grid. Native soil collected from each of the soil borings was combined into a 9-point composite sample, representative of native soils throughout the Site. The composite samples were submitted for certified laboratory analysis for semi-volatile organic compounds (SVOCs) using USEPA Method 8270, pesticides using USEPA Method 8081, polychlorinated biphenyls (PCBs) using USEPA Method 8082, herbicides using USEPA Method 8151, total metals using USEPA Method 6010, extractable petroleum hydrocarbons (EPH), and pH. Composite samples were also analyzed for toxicity characteristic leaching procedure (TCLP) metals, using USEPA Methods 3005A & 6010, and Resource Conservation and Recovery Act (RCRA) Characteristics. All samples were stored in laboratory-provided containers before transferring to laboratory personnel under strict chain of custody protocol. All samples collected were delivered to Alpha Analytical (Alpha) of Mansfield, MA, a New York State ELAP certified environmental laboratory. Details regarding composite and grab sample acquisition is summarized in the Sample Log, included as **Exhibit 2**

A total of six (6) waste characterization sample sets (1 composite and 1 grab sample per set) were collected from the Site and submitted for certified laboratory analysis. The samples are identified as follows:

WC-1 COMP
WC-1 GRAB

WC-2 COMP
WC-2 GRAB

WC-4 COMP
WC-4 GRAB

WC-5 COMP
WC-5 GRAB

WC-3 COMP **WC- Native COMP**
WC-3 GRAB **WC- Native GRAB**

FIELD OBSERVATIONS AND ANALYTICAL RESULTS

In general, non-indigenous fill was observed from grade to depths ranging from 7 to 17 feet bgs throughout the Site. Generally, fill consisted of variable amounts of rock, concrete, coal, slag, and brick in a brown medium-to-fine silty sand matrix. Native soil was observed at depths as shallow as 7 feet bgs and consisted of brown medium-to-fine grained silty sand generally followed by brown coarse-to-medium grained sand with gravel. Olfactory, visual, and/or PID evidence of petroleum contamination was observed in any of the test pits or soil borings. A photographic log is provided as **Exhibit 1**. Soil boring logs and test pit logs are provided in **Exhibit 3**.

Waste characterization sample results were compared against NYCRR 375 Unrestricted Use Soil Cleanup Objectives (SCOs), NYCRR 375 Restricted Residential SCOs, NYCRR 375 Protection of Groundwater, New Jersey Residential Direct Contact Soil Remediation Standard (NJ RDCSRS), New Jersey Non-Residential Direct Contact Soil Remediation Standard (NJ NRDCSRS), New Jersey Default Impact to Groundwater Soil Screening Levels (NJ Default IGW SSL), PA Clean Fill, and PA Regulated Fill Limits.

Concentrations of pesticides and select metals detected in the five (5) fill waste characterization samples, except the native sample, WC-native, exceed NYCRR 375 Unrestricted Use SCOs and Restricted Residential SCOs. Additionally, lead was detected in samples WC-2 and WC-3 at concentrations exceeding the NYCRR 375 Protection of Groundwater standard. Concentrations of SVOCs in all of the waste characterization samples, except for WC-2 and WC-Native, exceed NYCRR 375 Unrestricted Use SCOs, Restricted Residential SCOs, and Protection of Groundwater standards. PCB concentrations detected in WC-1, WC-4, and WC-5 exceed NYCRR 375 Unrestricted Use SCOs. The concentration of PCBs detected in WC-1 also exceed NYCRR 375 Restricted Residential SCOs.

The VOC tetrachloroethene was detected in WC-1 at a concentration that exceeds the NJ IGW SSL. Concentrations of SVOCs in all of the waste characterization samples, except WC-Native, exceed NJ IGW SSLs, NJ RDCSRS, and NJ NRDCSRS standards. Pesticides were detected at concentrations exceeding the NJ IGW SSLs in samples WC-1 through WC-5. Samples WC-1, WC-2, WC-3, and WC-5 also contain pesticide concentrations that exceed the NJ RDCSRS. Concentrations of PCBs in samples WC-1, WC-4, and WC-5 exceed NJ IGW SSLs and NJ RDCSRS standards. Additionally, the concentration of PCBs in WC-

1 also exceed the NJ NRDCSRS. All of the waste characterization samples, including the native soil sample, contain metals at concentrations exceeding NJ IGW SSL standards. Samples WC-2 and WC-3 also contain lead at concentrations that exceed the NJ RDCSRS.

The SVOC benzo-a-pyrene was detected in waste characterization samples WC-1 and WC-4 at concentrations that exceed the PA Clean Fill standard. Concentrations of lead in samples WC-2 and WC-3 exceed the PA Clean Fill standard. No exceedances of PA Regulated Fill standards were detected in any of the samples.

TCLP metals analysis indicates that all of the waste characterization samples are non-hazardous for RCRA 8 metals.

A laboratory analytical results summary comparison is included in **Table 1** and **Table 2**. The laboratory analytical reports are attached in **Exhibit 4**.

SOIL/FILL WASTE RECOMMENDATIONS

The excavated soil/fill generated from the Site is classified a non-hazardous regulated solid waste in New York State and should be legally transported and disposed of or beneficially reused at facilities permitted to accept the physical and chemical characteristics of the material and in accordance with state and federal solid waste regulations. It is important to note that the physical characteristics of the fill included coal and slag, which may preclude it from disposal at clean fill facilities.

Please feel free to contact me with any questions.

Sincerely,

IMPACT ENVIRONMENTAL CLOSURES, INC.

Benjamin Hernandez-Salazar

Senior Project Manager

TABLES:

FIGURES:

EXHIBITS

TABLES

Table 1. Waste Classification Soil Analysis Table
Location: La Central Building D
626 Bergen Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater	NJ Impact to GW Soil Screening Level	NJ RDCSRS 2012	NJ NRDCSRS 2012	PA Clean Fill Standards	PA WMGR096 Regulated Fill Limits	WC-1 COMP	WC-1 GRAB	WC-2 COMP	WC-2 GRAB	WC-3 COMP	WC-3 GRAB	WC-4 COMP	WC-4 GRAB	WC-5 COMP	WC-5 GRAB	WC-NATIVE COMP	WC-NATIVE GRAB
		Date									5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	4/27/2017	4/27/2017	4/27/2017	4/27/2017	5/1/2017	5/1/2017
		Unit	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
630-20-6	1,1,1,2-Tetrachloroethane	VOC	NA	NA	NA	NA	NA	NA	18000	18000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
71-55-6	1,1,1-Trichloroethane	VOC	680	100,000a	680	300	290000	4200000	7200	7200	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
79-34-5	1,1,2,2-Tetrachloroethane	VOC	NA	NA	600	7	1000	3000	9.3	9.3	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
79-00-5	1,1,2-Trichloroethane	VOC	NA	NA	NA	20	2000	6000	150	150	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
76-13-1	1,1,2 Trichloro-1,2,2 Trifluoroethane	VOC	NA	NA	NA	NA	NA	NA	26000000	53000000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-34-3	1,1-Dichloroethane	VOC	270	26000	270	200	8000	24000	650	2700	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-35-4	1,1-Dichloroethene	VOC	330	100,000a	330	8	11000	150000	190	190	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
96-18-4	1,2,3-Trichloropropane	VOC	NA	NA	340	NA	NA	NA	1600	820	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
120-82-1	1,2,4-Trichlorobenzene	VOC	NA	NA	3400	700	73000	820000	27000	27000	ND	-	ND	-	ND	ND	-	ND	-	ND	-	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52000	3600	NA	NA	NA	9000	20000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
96-12-8	1,2-Dibromo-3-Chloropropane	VOC	NA	NA	NA	5	80	200	9.2	9.2	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
106-93-4	1,2-Dibromoethane	VOC	NA	NA	NA	5	8	40	1.2	1.2	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000a	1100	17000	5300000	59000000	59000	59000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
107-06-2	1,2-Dichloroethane	VOC	20c	3100	20f	5	900	3000	100	100	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
78-87-5	1,2-Dichloropropane	VOC	NA	NA	NA	5	2000	5000	110	110	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52000	8400	NA	NA	NA	2800	6200	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49000	2400	19000	5300000	59000000	61000	61000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
142-28-9	1,3-Dichloropropane	VOC	NA	NA	300	NA	NA	NA	NA	NA	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
542-75-6	1,3-Dichloropropene(cis and trans)	VOC	NA	NA	NA	5	2	7000	120	460	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13000	1800	2000	5000	13000	10000	10000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
123-91-1	1,4-Dioxane	VOC	100b	13000	100e	NA	NA	NA	73	310	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
78-93-3	2-Butanone	VOC	120	100,000a	120	900	3100000	44000000	54000	110000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
95-49-8	2-Chlorotoluene	VOC	NA	NA	NA	NA	NA	NA	20000	20000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
108-10-1	4-Methyl-2-Pentanone	VOC	NA	NA	1000	NA	NA	NA	2900	6300	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
67-64-1	Acetone	VOC	50	100,000b	50	19000	70000000	NA	41000	110000	-	ND	-	3.2 J	-	10 J	-	ND	-	ND	-	ND
107-02-8	Acrolein	VOC	NA	NA	NA	500	500	1000	0.62	1.4	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
107-13-1	Acrylonitrile	VOC	NA	NA	NA	500	900	3000	8.7	37	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
71-43-2	Benzene	VOC	60	4800	60	5	2000	5000	130	130	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
74-97-5	Bromochloromethane	VOC	NA	NA	NA	NA	NA	NA	1600	1600	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-27-4	Bromodichloromethane	VOC	NA	NA	NA	5	1000	3000	3400	3400	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-25-2	Bromoform	VOC	NA	NA	NA	30	81000	280000	4400	4400	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
74-83-9	Bromomethane	VOC	NA	NA	NA	40	25000	59000	540	540	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-15-0	Carbon Disulfide	VOC	NA	NA	2700	6000	7800000	110000000	160000	350000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
56-23-5	Carbon Tetrachloride	VOC	760	2400	760	5	600	2000	260	260	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
108-90-7	Chlorobenzene	VOC	1,100	100,000a	1100	600	510000	7400000	6100	6100	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
124-48-1	Chlorodibromomethane	VOC	NA	NA	NA	5	3000	8000	3200	3200	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-00-3	Chloroethane	VOC	NA	NA	1900	NA	220000	1100000	5000	19000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
67-66-3	Chloroform	VOC	370	49000	370	400	600	2000	2500	2500	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
74-87-3	Chloromethane	VOC	NA	NA	NA	NA	4000	12000	38	38	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000a	250	300	230000	560000	1600	1600	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
74-95-3	Dibromomethane	VOC	NA	NA	NA	NA	NA	NA	3700	7700	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-71-8	Dichlorodifluoromethane	VOC	NA	NA	NA	39000	490000	230000000	100000	100000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
100-41-4	Ethylbenzene	VOC	1,000	41000	1000	13000	7800000	110000000	46000	46000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
98-82-8	Isopropylbenzene	VOC	NA	NA	2300	NA	NA	NA	780000	780000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
79-20-9	Methyl Acetate	VOC	NA	NA	NA	22000	78000000	NA	690000	1900000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-09-2	Methylene Chloride	VOC	50	100,000a	50	10	34000	97000	76	76	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000a	930	200	110000	320000	280	280	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
104-51-8	n-Butylbenzene	VOC	12,000	100,000a	12000	NA	NA	NA	950000	2600000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
103-65-1	n-Propylbenzene	VOC	3,900	100,000a	3900	NA	NA	NA	290000	290000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
99-87-6	p-Isoproplytoluene	VOC	NA	NA	10000	NA	NA	NA	NA	NA	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
135-98-8	sec-Butylbenzene	VOC	11,000	100,000a	11000	NA	NA	NA	350000	960000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
100-42-5	Styrene	VOC	NA	NA	NA	3000	90000	260000	24000	24000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
98-06-6	tert-Butylbenzene	VOC	5,900	100,000a	5900	NA	NA	NA	270000	740000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-65-0	Tertiary Butyl Alcohol	VOC	NA	NA	NA	300	1400000	11000000	NA	NA	-	ND	-	ND	-	4.6 J	-	ND	-	ND	-	ND
127-18-4	Tetrachloroethene	VOC	1,300	19000	1300	5	2000	5000	430	430	-	8.7	-	ND	-	ND	-	0.99 J	-	1.2 J	-	ND
108-88-3	Toluene	VOC	700	100,000a	700	7000	6300000	91000000	44000	44000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
1330-20-7	Total Xylenes	VOC	260	100,000a	1600	19000	12000000	170000000	990000	990000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000a	190	600	300000	720000	2300	2300	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
79-01-6	Trichloroethene	VOC	470	21000	470	10	7000	20000	170	170	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-69-4	Trichlorofluoromethane	VOC	NA	NA	NA	34000	23000000	340000000	87000	87000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
108-05-4	Vinyl Acetate	VOC	NA	NA	NA	NA	NA	NA	6500	14000	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND
75-01-4	Vinyl Chloride	VOC	20	900	20	5	700	2000	30	27	-	ND	-	ND	-	ND	-	ND	-	ND	-	ND

Table 1. Waste Classification Soil Analysis Table
Location: La Central Building D
626 Bergen Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater	NJ Impact to GW Soil Screening Level	NJ RDCSRS 2012	NJ NRDCSRS 2012	PA Clean Fill Standards	PA WMGR096 Regulated Fill Limits	WC-1 COMP	WC-1 GRAB	WC-2 COMP	WC-2 GRAB	WC-3 COMP	WC-3 GRAB	WC-4 COMP	WC-4 GRAB	WC-5 COMP	WC-5 GRAB	WC-NATIVE COMP	WC-NATIVE GRAB
		Date									5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	4/27/2017	4/27/2017	4/27/2017	4/27/2017	5/1/2017	5/1/2017
		Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
87-68-3	Hexachlorobutadiene	SVOC	NA	NA	NA	900	6000	25000	1200	1200	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
92-52-4	1-1- Biphenyl	SVOC	NA	NA	NA	140000	3100000	34000000	790000	2200000	110 J	-	ND	-	ND	-	64 J	-	ND	-	ND	-
122-66-7	1,2- Diphenylhydrazine	SVOC	NA	NA	NA	700	700	2000	150	580	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
95-95-4	2,4,5-Trichlorophenol	SVOC	NA	NA	NA	100	68000	6100000	68000000	2300000	6100000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
88-06-2	2,4,6-Trichlorophenol	SVOC	NA	NA	NA	200	19000	74000	3100	8900	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
102-83-2	2,4-Dichlorophenol	SVOC	NA	NA	NA	400	200	180000	2100000	1000	1000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
105-67-9	2,4-Dimethylphenol	SVOC	NA	NA	NA	1000	1200000	14000000	32000	87000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
51-28-5	2,4-Dinitrophenol	SVOC	NA	NA	NA	200	300	120000	1400000	210	460	ND	-	ND	-	ND	-	ND	-	ND	-	ND
121-14-2	2,4-Dinitrotoluene	SVOC	NA	NA	NA	NA	NA	700	3000	50	200	ND	-	ND	-	ND	-	ND	-	ND	-	ND
606-20-2	2,6-Dinitrotoluene	SVOC	NA	NA	NA	170	NA	700	3000	1100	3000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
91-58-7	2-Chloronaphthalene	SVOC	NA	NA	NA	NA	NA	NA	NA	6200000	18000000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
95-57-8	2-Chlorophenol	SVOC	NA	NA	NA	800	310000	2200000	4400	4400	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
91-57-6	2-Methylnaphthalene	SVOC	NA	NA	NA	8000	230000	2400000	2900000	8000000	440	-	31 J	-	110 J	-	160 J	-	39 J	-	ND	-
95-48-7	2-Methylphenol	SVOC	330b	100,000a	330e	NA	310000	3400000	64000	180000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
88-74-4	2-Nitroaniline	SVOC	NA	NA	NA	400	NA	39000	23000000	38	100	ND	-	ND	-	ND	-	ND	-	ND	-	ND
88-75-5	2-Nitrophenol	SVOC	NA	NA	NA	300	NA	NA	NA	5900	17000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
91-94-1	3,3-Dichlorobenzidine	SVOC	NA	NA	NA	NA	200	1000	4000	8300	32000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
99-09-2	3-Nitroaniline	SVOC	NA	NA	NA	500	NA	NA	NA	33	91	ND	-	ND	-	ND	-	ND	-	ND	-	ND
534-52-1	4,6-Dinitro-2-methylphenol	SVOC	NA	NA	NA	NA	300	6000	68000	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND
59-50-7	4-Chloro-3-methylphenol	SVOC	NA	NA	NA	NA	NA	NA	NA	37000	110000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
106-47-8	4-Chloroaniline	SVOC	NA	NA	NA	220	NA	NA	NA	19000	52000	ND	-	ND	-	ND	-	ND	-	ND	-	ND
100-01-6	4-Nitroaniline	SVOC	NA	NA	NA	NA	NA	NA	NA	31	86	ND	-	ND	-	ND	-	ND	-	ND	-	ND
100-02-7	4-Nitrophenol	SVOC	NA	NA	NA	100	NA	NA	NA	4100	4100	ND	-	ND	-	ND	-	ND	-	ND	-	ND
83-32-9	Acenaphthene	SVOC	20,000	100,000a	98000	110000	3400000	37000000	2700000	4700000	560	-	35 J	-	190	-	590	-	200	-	ND	-
208-96-8	Acenaphthylene	SVOC	100,000a	100,000a	107000	NA	NA	300000000	2500000	6900000	1200	-	140 J	-	120 J	-	1200	-	260	-	ND	-
98-86-2	Acetophenone	SVOC	NA	NA	NA	3000	2000	5000	200000	540000	ND	-	ND	-	ND	-	40 J	-	ND	-	ND	-
62-53-3	Aniline	SVOC	NA	100000	330	NA	NA	NA	160	340	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
120-12-7	Anthracene	SVOC	100,000a	100,000a	1,000,000c	2400000	17000000	30000000	350000	350000	2000	-	170	-	510	-	2600	-	670	-	ND	-
1912-24-9	Atrazine	SVOC	NA	NA	NA	200	210000	2400000	130	130	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
100-52-7	Benzaldehyde	SVOC	NA	NA	NA	NA	6100000	68000000	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
92-87-5	Benzidine	SVOC	NA	NA	NA	700	700	700	NA	340	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
56-55-3	Benzo-a-Anthracene	SVOC	1,000c	1,000f	1,000f	800	600	2000	25000	110000	5700	-	810	-	1200	-	7400	-	2000	-	ND	-
50-32-8	Benzo-a-Pyrene	SVOC	1,000c	1,000f	22000	200	200	200	2500	11000	4900	-	740	-	950	-	5800	-	1800	-	ND	-
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000c	1,000f	1700	2000	600	2000	25000	110000	6100	-	790	-	1200	-	7600	-	2400	-	ND	-
207-08-9	Benzo-k-Fluoranthene	SVOC	800c	3900	1700	25000	6000	23000	250000	610000	1900	-	240	-	360	-	2500	-	830	-	ND	-
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000a	1,000,000c	NA	380000000	30000000	180000	180000	3100	-	550	-	510	-	3200	-	1000	-	ND	-
65-85-0	Benzoic Acid	SVOC	NA	NA	100000	NA	NA	NA	2900000	7800000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
100-51-6	Benzyl Alcohol	SVOC	NA	NA	NA	NA	NA	NA	400000	1100000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
111-44-4	Bis(2-Chloroethyl)ether	SVOC	NA	NA	NA	200	400	2000	3.9	17	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
108-60-1	Bis(2-Chloroisopropyl)ether	SVOC	NA	NA	NA	5000	23000	67000	8000	8000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
117-81-7	Bis(2-Ethylhexyl)Phthalate	SVOC	NA	NA	435000	1200000	35000	140000	130000	130000	ND	-	110 J	-	170 J	-	480	-	ND	-	90 J	-
85-68-7	Butylbenzylphthalate	SVOC	NA	NA	122000	230000	1200000	14000000	10000000	10000000	ND	-	ND	-	ND	-	ND	-	270	-	ND	-
105-60-2	Caprolactam	SVOC	NA	NA	NA	12000	31000000	340000000	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
86-74-8	Carbazole	SVOC	NA	NA	NA	NA	24000	96000	21000	83000	1100	-	33 J	-	220	-	720	-	350	-	ND	-
218-01-9	Chrysene	SVOC	1,000c	3900	1,000f	80000	62000	230000	230000	230000	6300	-	930	-	1100	-	6700	-	1900	-	ND	-
132-64-9	Dibenzofuran	SVOC	7,000	59000	6200	NA	NA	NA	NA	NA	680	-	ND	-	160 J	-	420	-	120 J	-	ND	-
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330b	330e	1,000,000c	800	200	200	2500	11000	800	-	130	-	150	-	990	-	290	-	ND	-
84-66-2	Diethyl Phthalate	SVOC	NA	NA	7100	88000	49000000	550000000	160000	160000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
131-11-3	Dimethyl Phthalate	SVOC	NA	NA	27000	NA	NA	NA	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
84-74-2	Di-n-Butyl Phthalate	SVOC	NA	NA	8100	760000	6100000	68000000	1500000	4100000	ND	-	110 J	-	ND	-	ND	-	ND	-	ND	-
117-84-0	Di-n-Octyl Phthalate	SVOC	NA	NA	120000	3300000	2400000	27000000	4400000	10000000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
206-44-0	Fluoranthene	SVOC	100,000	100,000a	1,000,000c	1300000	2300000	24000000	3200000	3200000	16000	-	830	-	1900	-	12000 E	-	4000	-	ND	-
86-73-7	Fluorene	SVOC	30,000	100,000a	386000	170000	2300000	24000000	3000000	3800000	760	-	43 J	-	270	-	820	-	230	-	ND	-
118-74-1	Hexachlorobenzene	SVOC	330	1200	3200	200	300	1000	960	960	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
77-47-4	Hexachlorocyclopentadiene	SVOC	NA	NA	NA	320000	45000	110000	91000	91000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
67-72-1	Hexachloroethane	SVOC	NA	NA	NA	200	35000	140000	560	560	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500c	500f	8200	7000	600	2000	25000	110000	3200	-	410	-	550	-	3800	-	1200	-	ND	-
78-59-1	Isophorone	SVOC	NA	NA	4400	200	510000	2000000	1900	1900	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
91-20-3	Naphthalene	SVOC	12,000	100,000a	12000	25000	6000	17000	25000	25000	-	ND	-	0.51 J	-	0.58 J	-	0.89 J	-	ND	-	0.61 J
98-95-3	Nitrobenzene	SVOC	NA	15000	170	200	31000	340000	790	2200	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
62-75-9	N-Nitrosodimethylamine	SVOC	NA	NA	NA	700	700	700	0.041	0.17	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
621-64-7	N-Nitroso-di-n-Propylamine	SVOC	NA	NA	NA	200	200	300	1.3	5.1	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
86-30-6	N-Nitrosodiphenylamine	SVOC	NA	NA	NA	400	99000	390000	20000	83000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
87-86-5	Pentachlorophenol	SVOC	800b	6700	800e	300	3000	10000	5000	5000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
85-01-8	Phenanthrene	SVOC	100,000	100,000a	1,000,000c	NA	NA	300000000	10000000	10000000	17000	-	620	-	1700	-	8400 E	-	2400	-	ND	-
108-95-2	Phenol	SVOC	330b	100,000a	330e	8000	18000000	210000000	66000	66000	38 J	-	ND	-	ND	-	ND	-	ND	-	ND	-
129-00-0	Pyrene	SVOC	100000	100,000a	1,000,000c	840000	1700000	18000000	2200000	2200000	17000	-	1300	-	1800	-	11000 E	-	3300	-	ND	-

Table 1. Waste Classification Soil Analysis Table
Location: La Central Building D
626 Bergen Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater	NJ Impact to GW Soil Screening Level	NJ RDCSRS 2012	NJ NRDCSRS 2012	PA Clean Fill Standards	PA WMGR096 Regulated Fill Limits	WC-1 COMP	WC-1 GRAB	WC-2 COMP	WC-2 GRAB	WC-3 COMP	WC-3 GRAB	WC-4 COMP	WC-4 GRAB	WC-5 COMP	WC-5 GRAB	WC-NATIVE COMP	WC-NATIVE GRAB
		Date									5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	5/1/2017	4/27/2017	4/27/2017	4/27/2017	4/27/2017	5/1/2017	5/1/2017
		Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
93-76-5	2,4,5-T	HERBICIDE	NA	NA	1900	NA	NA	NA	1500	1500	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
93-72-1	2,4,5-TP Acid	PESTICIDE	3,800	100,000a	3800	NA	NA	NA	22000	22000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
94-75-7	2,4-D	HERBICIDE	NA	NA	500	NA	NA	NA	18000	18000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
72-54-8	4,4-DDD	PESTICIDE	3.3b	13000	14000	4000	3000	13000	6800	30000	7.2 P	-	118	-	11.8	-	ND	-	ND	-	ND	-
72-55-9	4,4-DDE	PESTICIDE	3.3b	8900	17000	18000	2000	9000	41000	170000	71.6	-	47.2	-	47.5	-	28.6 PI	-	66.9	-	ND	-
50-29-3	4,4-DDT	PESTICIDE	3.3b	7900	136000	11000	2000	8000	53000	230000	350	-	248	-	282	-	310 E	-	209 E	-	ND	-
309-00-2	Aldrin	PESTICIDE	5c	97	190	200	40	200	100	440	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
319-84-6	alpha-BHC	PESTICIDE	20	480	20	2	100	500	46	190	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
5103-71-9	Alpha Chlordane	PESTICIDE	94	4200	2900	NA	NA	NA	NA	NA	28.8	-	44.5	-	46	-	12.7	-	14.5 PI	-	ND	-
12674-11-2	Aroclor 1016	PCB	NA	NA	NA	NA	NA	NA	15000	200000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
11104-28-2	Aroclor 1221	PCB	NA	NA	NA	NA	NA	NA	630	2500	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
11141-16-5	Aroclor 1232	PCB	NA	NA	NA	NA	NA	NA	500	2000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
53469-21-9	Aroclor 1242	PCB	NA	NA	NA	NA	NA	NA	16000	62000	1230	-	ND	-	ND	-	ND	-	ND	-	ND	-
12672-29-6	Aroclor 1248	PCB	NA	NA	NA	NA	NA	NA	9900	44000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
11097-69-1	Aroclor 1254	PCB	NA	NA	NA	NA	NA	NA	4400	44000	ND	-	ND	-	ND	-	579	-	62.9	-	ND	-
11096-82-5	Aroclor 1260	PCB	NA	NA	NA	NA	NA	NA	30000	130000	ND	-	ND	-	ND	-	ND	-	116	-	ND	-
37324-23-5	Aroclor 1262	PCB	NA	NA	NA	NA	NA	NA	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
11100-14-4	Aroclor 1268	PCB	NA	NA	NA	NA	NA	NA	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
319-85-7	beta-BHC	PESTICIDE	36	360	90	2	400	2000	220	820	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
57-74-9	Chlordane	PESTICIDE	94	4200	2900	50	200	1000	49000	49000	677 PI	-	159 PI	-	386	-	137	-	129 P	-	ND	-
319-86-8	delta-BHC	PESTICIDE	40	100,000a	250	NA	NA	NA	11000	30000	ND	-	ND	-	ND	-	2.06	-	ND	-	ND	-
1918-00-9	Dicamba	HERBICIDE	NA	NA	NA	NA	NA	NA	NA	NA	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
60-57-1	Dieldrin	PESTICIDE	5	200	100	3	40	200	110	440	48.2	-	43.5	-	24.9	-	38.6 PI	-	70.8	-	ND	-
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000i	102000	NA	NA	NA	110000	260000	ND	-	ND	-	ND	-	8.98	-	ND	-	ND	-
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000i	102000	NA	NA	NA	130000	260000	12.9 P	-	ND	-	ND	-	25.2 PI	-	ND	-	ND	-
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000i	1,000,000c	2000	470000	6800000	70000	70000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
72-20-8	Endrin	PESTICIDE	14	11000	60	1000	23000	340000	5500	5500	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
58-89-9	gamma-BHC	PESTICIDE	100	1300	100	2	400	2000	72	72	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
5103-74-2	Gamma Chlordane	PESTICIDE	NA	NA	14000	NA	NA	NA	NA	NA	27.3 PI	-	32.4 PI	-	40.5	-	9.58 PI	-	12.1 PI	-	0.882 JPI	-
76-44-8	Heptachlor	PESTICIDE	42	2100	380	500	100	700	680	680	ND	-	1.37 P	-	10.3	-	3.44	-	ND	-	ND	-
1024-57-3	Heptachlor Epoxide	PESTICIDE	NA	NA	20	10	70	300	1100	1100	ND	-	5.5	-	9.24 P	-	ND	-	4.96 P	-	ND	-
72-43-5	Methoxychlor	PESTICIDE	NA	NA	900000	160000	390000	5700000	630000	630000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
56-38-2	Parathion	PESTICIDE	NA	NA	1200	NA	NA	NA	130000	360000	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
1336-36-3	Polychlorinated Biphenyls	PCBs	100	1000	3200	200	200	1000	NA	NA	1230	-	ND	-	ND	-	579	-	179	-	ND	-
8001-35-2	Toxaphene	PESTICIDE	NA	NA	NA	300	600	3000	1200	1200	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
7429-90-5	Aluminum, Al	METAL	NA	NA	NA	6000	78000	NA	NA	190000	7100	-	7100	-	6600	-	6400	-	4300	-	8400	-
7440-36-0	Antimony, Sb	METAL	NA	NA	NA	6	31	450	27	27	ND	-	ND	-	ND	-	1.1 J	-	0.76 J	-	ND	-
7440-38-2	Arsenic, As	METAL	13c	16f	16f	19*	19*	19*	12	53	3.5	-	4.7	-	3.7	-	4	-	3.8	-	1.4	-
7440-39-3	Barium, Ba	METAL	350c	400	820	2100	16000	59000	8200	8200	490	-	690	-	490	-	400	-	590	-	28	-
7440-41-7	Beryllium, Be	METAL	7.2	72	47	0.7	16	140	320	320	0.22 J	-	0.16 J	-	0.16 J	-	0.15 J	-	0.08 J	-	0.21 J	-
7440-43-9	Cadmium, Cd	METAL	2.5c	4.3	7.5	2	78	78	38	38	0.29 J	-	0.34 J	-	0.33 J	-	0.79 J	-	0.88 J	-	ND	-
7440-47-3	Chromium, Cr	METAL	NA	110	NA	NA	NA	NA	94 (hex)	190 (hex)	18	-	18	-	15	-	16	-	11	-	18	-
18540-29-9	Chromium, hexavalent	METAL	1b	110	19	NA	240; ACD	20	94	190	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
16065-83-1	Chromium, trivalent	METAL	30c	180	NA	NA	120000	NA	190000	190000	18	-	18	-	15	-	16	-	11	-	18	-
7440-48-4	Cobalt, Co	METAL	NA	NA	NA	90	1600	590	8.1	22	4.9	-	4.2	-	4.4	-	3.8	-	3.5	-	5.9	-
7440-50-8	Copper, Cu	METAL	50	270	1720	11000	3100	45000	8200	36000	32	-	16	-	23	-	51	-	23	-	15	-
57-12-5	Cyanide	METAL	27	27	40	20	1600	23000	200	200 (free)	0.89 J	-	0.97 J	-	0.86 J	-	0.59 J	-	1.1	-	ND	-
7439-89-6	Iron, Fe	METAL	NA	NA	NA	NA	NA	NA	NA	190000	17000	-	10000	-	8800	-	11000	-	7600	-	15000	-
7439-92-1	Lead, Pb	METAL	63c	400	450	90	400	800	450	1000	310	-	730	-	500	-	310	-	200	-	7.1	-
7439-96-5	Manganese, Mn	METAL	1,600c	2,000f	2,000f	65	11000	5900	31000	190000	250	-	180	-	160	-	200	-	160	-	230	-
7439-97-6	Mercury, Hg	METAL	.18c	.81j	0.73	0.1	23	65	10	10	0.18	-	0.14	-	0.18	-	0.35	-	0.67	-	0.03 J	-
7440-02-0	Nickel, Ni	METAL	30	310	130	48	1600	23000	650	650	11	-	7.7	-	9.6	-	10	-	7.3	-	13	-
7782-49-2	Selenium, Se	METAL	3.9c	180	4f	11	390	5700	26	26	0.28 J	-	ND	-	0.37 J	-	ND	-	0.78 J	-	ND	-
7440-22-4	Silver, Ag	METAL	2	180	8.3	1	390	5700	84	84	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
7440-28-0	Thallium, Ti	METAL	NA	NA	NA	3	5	79	14	14	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
7440-62-2	Vanadium, V	METAL	NA	NA	NA	NA	78	1100	1500	72000	20	-	19	-	16	-	22	-	73	-	42	-
7440-66-6	Zinc, Zn	METAL	109c	10,000d	2480	930	23000	110000	12000	12000	470	-	690	-	360	-	740	-	740	-	33	-
	EPH	TPH	NA	NA	NA	NA	NA	NA	NA	NA	224	-	570	-	221	-	642	-	251	-	-	-

Note: Shaded values indicate an exceedance of one or more guidance values.

Notes:
ug/kg = micrograms per kilogram (ppb)
mg/kg = milligrams per kilogram (ppm)
VOC = volatile organic compound
SVOC = semi-volatile organic compound
PCB = polychlorinated biphenyl
EPH = extractable petroleum hydrocarbons
TPH = total petroleum hydrocarbons
ND = non-detect
NA = no applicable standard

Table 2. TCLP Waste Classification Soil Analysis Table

Location: La Central Building D

626 Bergen Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	TCLP Hazardous Waste Regulatory Levels	WC-1 COMP	WC-2 COMP	WC-3 COMP	WC-4 COMP	WC-5 COMP
		Date		5/1/2017	5/1/2017	5/1/2017	4/27/2017	4/27/2017
		Unit	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*	*mg/L*
7440-38-2	Arsenic, As	METAL	5	ND	0.02 J	ND	ND	ND
7440-39-3	Barium, Ba	METAL	100	0.42 J	0.41 J	0.75	0.73	1.2
7440-43-9	Cadmium, Cd	METAL	1	ND	ND	ND	0.02 J	0.02 J
7440-47-3	Chromium, Cr	METAL	5	ND	ND	ND	ND	0.42
7439-92-1	Lead, Pb	METAL	5	0.38 J	0.65	0.66	1.4	0.33 J
7439-97-6	Mercury, Hg	METAL	0.2	ND	ND	ND	ND	ND
7782-49-2	Selenium, Se	METAL	1	ND	ND	ND	0.048 J	0.08 J
7440-22-4	Silver, Ag	METAL	5	ND	ND	ND	ND	ND
	Corrosivity/pH	Method S423/E150.1	>2; <12.5	9	8.2	9.2	8.1	8.2
	Reactivity - Sulfide	Method SW 846-7.3	Refer to 40 CFR 261.23	ND	ND	ND	ND	ND
	Reactivity - Cyanide	Method SW 846-7.3	Refer to 40 CFR 261.23	ND	ND	ND	ND	ND
	Ignitabililty	Method SW846-1010	Refer to 40 CFR 261.21	NI	NI	NI	NI	NI

Notes:

ug/L = micrograms per liter

mg/L = milligrams per liter

ND = non-detect

NI = not ignitable

TCLP = toxicity characteristic leaching procedure

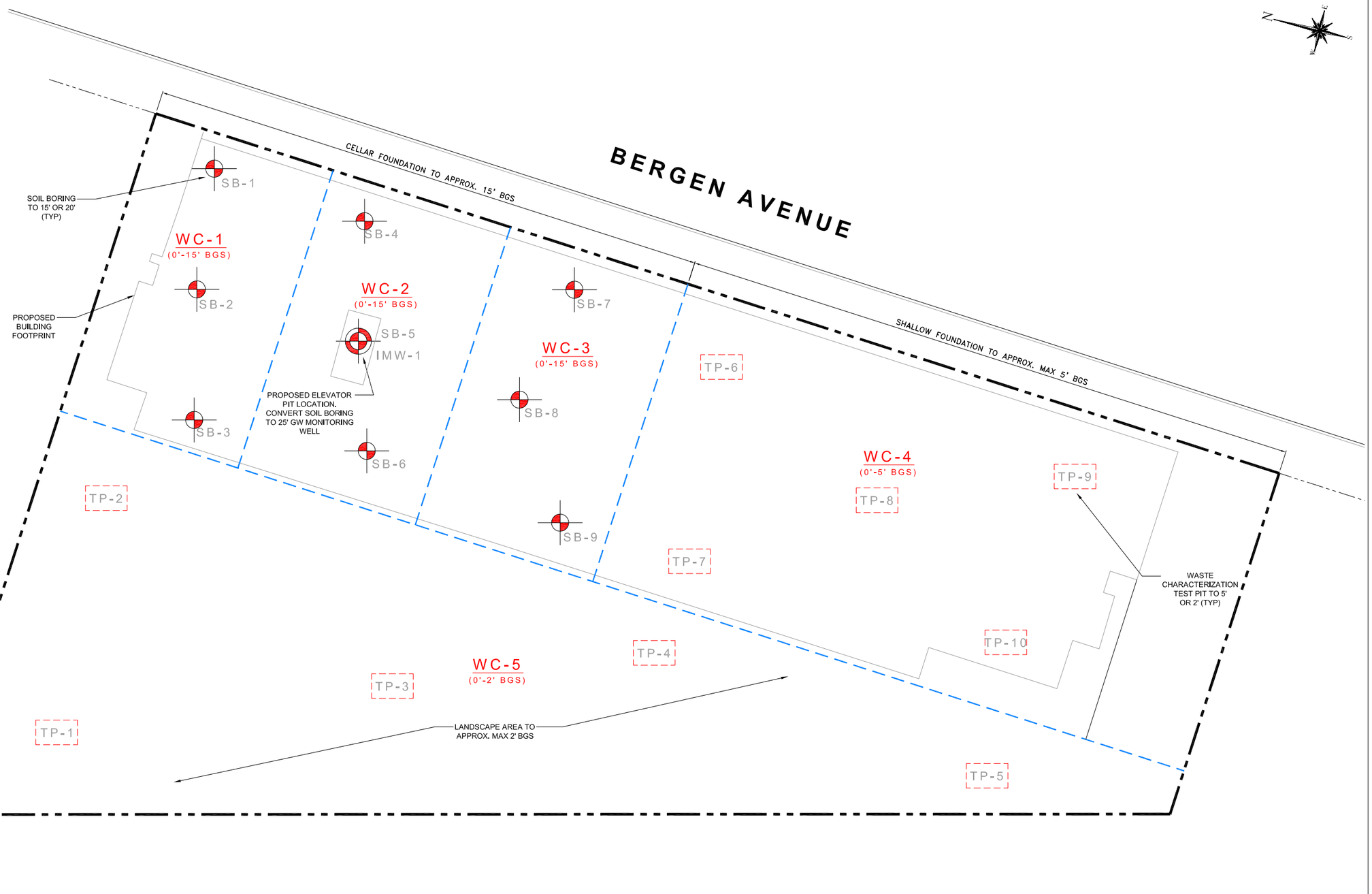
FIGURES

IN-SITU SOIL WASTE CHARACTERIZATION

SITE PROPOSED TO BE DIVIDED INTO FIVE (5) WASTE CHARACTERIZATION GRIDS; THREE (3) GRIDS REPRESENTING 0'-15' WITHIN THE PROPOSED CELLAR FOUNDATION SECTION, ONE (1) GRID REPRESENTING 0'-5' WITHIN THE PROPOSED SHALLOW FOUNDATION SECTION; ONE (1) GRID REPRESENTING 0'-2' WITHIN THE GRADED LANDSCAPED AREAS. EACH GRID REPRESENTATIVE OF 1000 BANK CY.

ADDITIONALLY, ONE (1) NATIVE SOIL WASTE CHARACTERIZATION SAMPLE WILL BE COLLECTED FROM ONE (1) DEEP SOIL BORING FROM 15'-20' WITHIN THE CELLAR FOUNDATION AREA.

A FIVE (5) POINT COMPOSITE AND DISCRETE GRAB SAMPLE WILL BE COLLECTED FROM SOIL BORINGS OR TEST PITS AT EACH GRID.



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1000 PAGE AVENUE
LYNDHURST, NEW JERSEY 07071

TITLE:
WASTE CHARACTERIZATION SAMPLE ACQUISITION PLAN

SITE:
LA CENTRAL - BUILDING D
BRONX, NY

DRAWING NO: Figure 1	
PROJECT NO.	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
DATE:	12/08/16
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:
1. SITE BOUNDARY AND EXCAVATION EXTENTS BASED ON BUILDING D PROGRESS DRAWING SETS DATED 9/23/16.

LEGEND:
- WASTE CHARACTERIZATION SOIL BORING - ADVANCED FROM GRADE TO APPROXIMATELY 15' AND 20' BELOW CURRENT GRADE (PROPOSED BOTTOM OF DEVELOPMENT EXCAVATION)
- WASTE CHARACTERIZATION SOIL BORING CONVERTED TO 2" PERMANENT GROUNDWATER MONITORING WELL INSTALLED TO 25' BELOW CURRENT GRADE. FOR PERIODIC MONITORING & SAMPLE COLLECTION OF GROUNDWATER FOR DEWATERING DISCHARGE PERMIT AND DEWATERING DESIGN DATA.
- WC — WASTE CHARACTERIZATION GRID EXTENT (APPROXIMATELY 1000 BANK CUBIC YARDS EACH)
- TP — WASTE CHARACTERIZATION TEST PIT LOCATIONS FOR SHALLOW FOUNDATION AND GRADED LANDSCAPING AREAS

EXHIBITS

Exhibit 1: Photographic Log

Photo 1: View of Site facing southeast.

Photo 2: TP-2 in WC-5 - Fill material consisting of brick, concrete, and metal debris.

Photo 3: TP-1 in WC-5 – Fill material consisting of brick, concrete, and metal debris.

Photo 4: TP-3 in WC-5 – Fill material consisting of brick, concrete, and metal debris.

Photo 5: TP-4 in WC-5 – Fill material consisting of brick, concrete, and metal debris.

Photo 6: TP-6 in WC-4 – Fill material consisting of brick, concrete, metal debris, and trace coal/slag.

Photo 7: Close-up of fill material in TP-5 in grid WC-5.

Photo 8: TP-7 in WC-4 – Fill material consisting of brick, concrete, metal debris, and trace coal/slag.

Photo 9: Close-up of fill material in TP-8 in grid WC-4.

Photo 10: TP-10 in WC-4 – Fill material consisting of brick, concrete, and metal debris.

Photo 11: TP-9 in WC-4 – Fill material consisting of brick, concrete, and metal debris.

Photo 12: SB-1 (5-10') in WC-1 – Fill containing brick and concrete.

Photo 13: SB-2 (0-5') in WC-1 – Fill containing brick, concrete, and trace coal/slag.

Photo 14: SB-4 (10-15') in WC-2 – Tan/brown coarse-to-medium sand native soil.

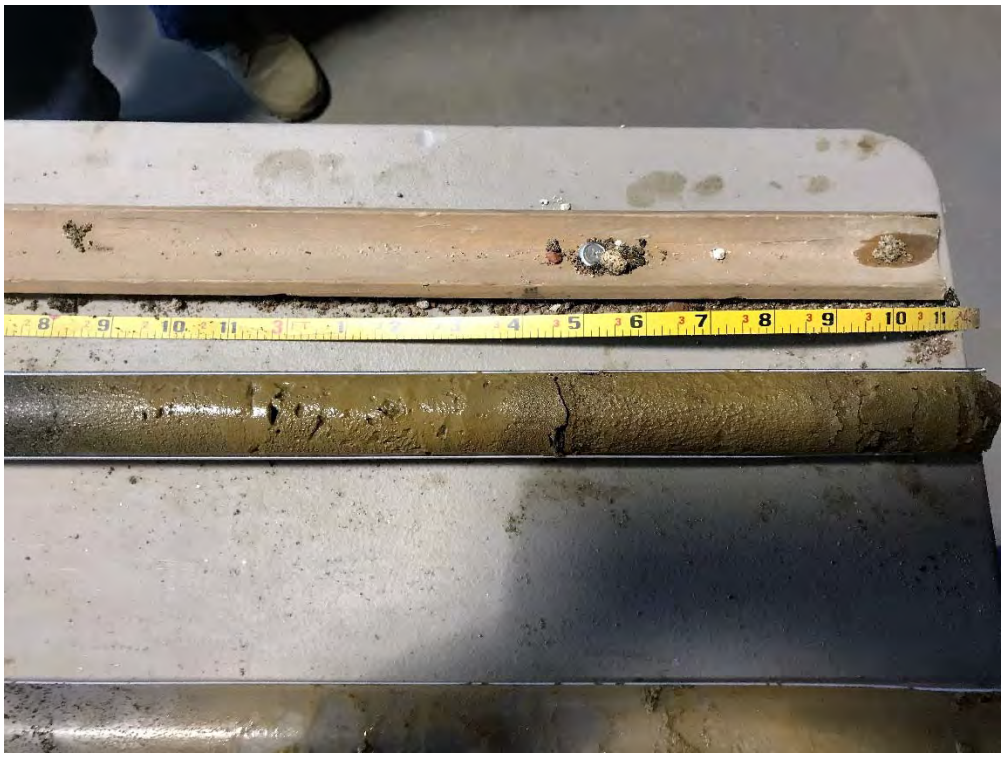

Photo 15: SB-3 (10-15') in WC-1 – Brown coarse-to-medium sand native soil.

Photo 16: SB-5 (15-20') in WC-2 – Fill containing brick, concrete, and trace coal/slag in a brown coarse-to-medium sand matrix.

Photo 17: SB-6 (0-5') in WC-2 – Fill containing brick, concrete, and trace coal/slag.

Photo 18: SB-8 (5-10') in WC-3 – Fill containing brick, concrete, and trace slag.

Photo 19: SB-7 (0-5') in WC-3 – Fill containing brick, concrete, and trace coal.

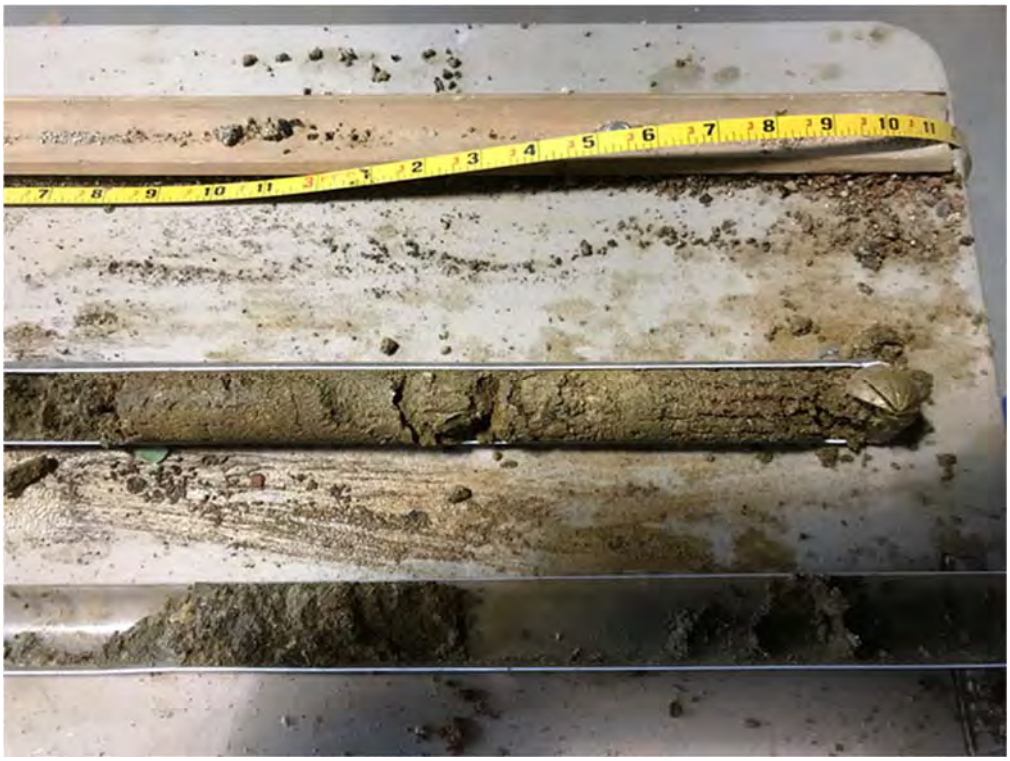

Photo 20: SB-9 (10-15') in WC-3 – Brown fine silty sand native soil.

Exhibit 2: Sample Log

Impact Environmental Soil Sample Log

Site Location:	626 Bergen Ave, Bronx, NY	**Installer:**	Impact
Job Number:	10596-01	**Method:**	Test Pits/Soil Borings
Client:	Monadnock	**Date:**	4/27/2017_5/1/2017
Location Description:	Vacant Lot	**Geologist:**	JS

Sample ID	Sample Locations	Lab Analysis	Soil Description
WC-1Comp	5-point composite sample, comprised of sample grab locations SB-1 through SB-3 from 0' to 8' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, Full TCLP, TPH, PH, RCRA Characteristics	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-2Comp	5-point composite sample, comprised of sample grab locations SB-4 through SB-6 from 0' to 8' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, TCLP Metals, TPH, PH, RCRA Characteristics	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-3Comp	5-point composite sample, comprised of sample grab locations SB-7 through SB-9 from 0' to 8' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, TCLP Metals, TPH, PH, RCRA Characteristics	Fill - brown to dark brown silty sand with concrete, brick and slag/ash/coal debris. No petroluem odors or staining observed.
WC-4Comp	5-point composite sample, comprised of sample grab locations TP-6 through TP-10 from 0' to 5' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, TCLP Metals, TPH, PH, RCRA Characteristics	Fill - brown to dark brown silty sand with concrete, brick and slag/ash/coal debris. No petroluem odors or staining observed.
WC-5Comp	5-point composite sample, comprised of sample grab locations TP-1 through TP-5 from 0' to 2' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, TCLP Metals, TPH, PH, RCRA Characteristics	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-Native Comp	9-point composite sample, comprised of sample grab locations SB-1 through SB-9 from 8' to 15' below existing grade.	TAL/TCL SVOCs, Pest/Herb, PCBs, Total Metals, TCLP Metals, TPH, PH, RCRA Characteristics	Native- brown to dark brown silty sand with Small pebbles. No petroluem odors or staining observed.
WC-1Grab	Discrete grab from location SB-3 at 4 feet below existing grade.	VOCs 8260	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-2Grab	Discrete grab from location SB-6 at 2 feet below existing grade.	VOCs 8260	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-3Grab	Discrete grab from location SB-8 at 6 feet below existing grade.	VOCs 8260	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-4Grab	Discrete grab from location TP-8 at 2.5 feet below existing grade.	VOCs 8260	Fill - brown to dark brown silty sand with concrete, brick and trace slag/coal debris. No petroluem odors or staining observed.
WC-5Grab	Discrete grab from location TP-3 at 1.5 feet below existing grade.	VOCs 8260	Fill - brown to dark brown silty sand with concrete, brick and trace slag, coal debris. No petroluem odors or staining observed.
WC-Native Grab	Discrete grab from location SB-1 at 12 feet below existing grade.	VOCs 8260	Native- brown to dark brown silty sand with Small pebbles. No petroluem odors or staining observed.

Exhibit 3: Soil Boring & Test Pit Logs

Impact Environmental Closures, Inc.
1000 Page Avenue
Lyndhurst, NJ 07071
P. (201) 268-5686
F. (201) 604-7081

Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-1**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**50°, Cloudy**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**5/1/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1000**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**5/1/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1015**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A					0.2"- Brn loamy f-m sand, brick	
2	N/A			18"		2"-18"-Fill f-m sand and Brick, concrete,	
3	N/A						
4	0						
5	0		WC-1 (Fill)				
6	N/A						
7	N/A			13"		0-13"-Fill Reddish Brn f-m Sandy Loam and concrete trace slag trace coal, brick	
8	N/A						
9	3.9						
10	7.2						
11	7.7					0-18"- Fill concrete, brick, trace slag and coal	
12	8.2			53"		18"-53"- Gray/Brn m Sand saturated	
13	0						
14	0						
15	0		WC-1 (Native)				
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-2**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**60°, Sunny**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**4/28/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1350**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**4/28/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1410**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	0		WC-1 (Fill)	28"		0-28"- Fill Brick, Concrete, trace slag trace coal	
2	0						
3	0						
4	0						
5	0						
6	0			44"		0-44"- Fill Brick, Concrete trace slag, foam, small rocks, trace m-c grain sand	
7	0						
8	0						
9	0						
10	0			23"		0-23"- Fill Same as above refusal @ 11ft	
11	0						
12	0						
13	N/A						
14	N/A						
15	N/A						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-3**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**50°, Cloudy**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**5/1/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1000**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**5/1/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1015**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A			13"		0-13" Fill Brick, Concrete, trace slag, trace coal	
2	N/A						
3	N/A						
4	0.2						
5	0		WC-1 (Fill)				
6	0			30"		0-15"- Fill Brick, trace slag, crushed marble, trace m- grain sand, trace slag trace coal, brick	
7	0						
8	0					15"-30"- Brn silty f-m gran Sand moist	
9	0		WC-1 (Native)				
10	0			42"		0-13" Saturated -Same as above	
11	0						
12	0					13"-18"- Gray/Brn m Sand with crushed stone	
13	0						
14	0					18"-42"- brn m-c grain Sand	
15	0						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-4**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**60°, Sunny**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**4/28/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1330**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**4/28/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1345**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A		WC-2 Fill	23"		0-23"- Fill with Brick, Concrete	
2	N/A						
3	N/A						
4	0						
5	0						
6	N/A			28"		0-15"- Fill Brick, Concrete, trace slag, trace coal 15"-28"- tan/brn silty f-m Sand, little angular rocks	
7	N/A						
8	N/A						
9	0						
10	0						
11	N/A		WC-2 Native	42"		0-12"- Fill Concrete, brick, trace slag 12"-42"- Moist tan c-m grain Sand, little angular rock	
12	0						
13	0						
14	0						
15	0						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-5**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**60°, Sunny**	Total Depth:	**25'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**4/28/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**845**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**4/28/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1000**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A		WC-2 Fill	36"		0-36"- Fill with Concrete, and Brick, trace slag	
2	N/A						
3	0						
4	0						
5	0						
6	N/A			33"		0-12"- Fill with brick, concrete, trace slag, trace coal brn f-m grain sand 12"-33"- Moist brn silty f-m Sand, trace coal, little rnd pebbles	
7	N/A						
8	0						
9	0						
10	0			58"		0-12"- Fill With concrete, brick trace slag, some brn f-m grain Sand 12"-58"- Tan/brn c-m Silty Sand, angular rocks, trace brick, round pebbles	
11	0						
12	0						
13	0						
14	0						
15	0			58"		0-50"- Fill with brick, concrete, trace slag, trace coal 50"-58"Saturated tan m-c Sand	
16	0						
17	0						
18	0						
19	0						
20	0						
21	0			36"		0-36" Saturated m-c Sand	
22	0						
23	0		WC-2 Native				
24	0						
25	0						

Sample Collection:
Grab samples collected for comps

Notes:
No odor or staining, 1st attemt refusal @6', 2nd refusal @8'

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-6**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**60°, Sunny**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**4/28/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1320**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**4/28/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1330**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A						
2	N/A			30"		0-30"- Fill -Brick, Concrete	
3	0						
4	0						
5	0		WC-2 Fill				
6	N/A					0-20"-Fill- Concrete, trace brick, trace slag	
7	N/A			38"		20"-38"- Brn Silty f-m Grain Sand, crushed rock	
8	0						
9	0						
10	0						
11	0					0-20"- Fill- Brick, Concrete, trace cinder/ash, trace slag	
12	0			58"		20"-40"- Tan/Brn Silty f-m Sand	
13	0		WC-2 Native			40"-58"- m-c grain Sand, angular rocks	
14	0						
15	0						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-7**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**50°, Cloudy**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**5/1/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1040**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**5/1/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1048**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A			14"		0-3"- Brn m Sandy Loam trace organics, Trace Brick 3"-8"- Fill- m Sand, Brick, trace organics, trace coal 8"-11"- Crushed Concrete 11"-14"-Crushed Brick	
2	N/A						
3	N/A						
4	N/A						
5	0			22"		0-10"- Fill- Concrete, trace slag, trace coal 10"-22" Moist reddish Brn silty f-m Sand trace clay	
6	N/A						
7	N/A						
8	N/A						
9	0						
10	0		WC-3 Fill	40"		0-14" Same as above 14"-40" brn m-c Sand Saturated	
11	N/A						
12	0						
13	0						
14	0						
15	0		WC-3 Native				
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

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Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-8**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**50°, Cloudy**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**5/1/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1051**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**5/1/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1105**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A			32"		0-32"- Fill- Brick, Concrete trace slag, with f-m sandy soil	
2	N/A						
3	0						
4	0						
5	0		WC-3 Fill				
6	N/A			34"		0-34"- Fill- Same as above	
7	N/A						
8	0						
9	0						
10	0			48"		0-38"- Brn f-m Sand little rounded Pebbles 38"-48"- Brn Silty Sand trace clay, trace coal	
11	0		WC-3 Native				
12	0						
13	0						
14	0						
15	0						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

Impact Environmental Closures, Inc.
1000 Page Avenue
Lyndhurst, NJ 07071
P. (201) 268-5686
F. (201) 604-7081

Project #:	**10596**	**BORING ID**	
Site/Project Name:	**LaCentral**	**SB-9**	
Site Address:	**626 Bergen Ave, Bronx, NY**		
Weather:	**50°, Cloudy**	Total Depth:	**15'**
Geologist:	**Jason Scalora**	GW Encountered:	**~15'**
Start Date:	**5/1/2017**	Drilling Company:	**Impact Environmental**
Start Time:	**1110**	Driller:	**Kurt Pfaffenberger**
Completion Date:	**5/1/2017**	Drill Rig:	**Geoprobe 6712DT**
Completion Time:	**1120**	Sampler Type/Length:	**5'**
		GPS Coordinates:	X: Y:

Depth (ft.)	PID/FID/OVM	Blow Count	Sample ID and Depth	Recovery (inches)	Soil Type	SOIL/GEOLOGIC DESCRIPTION	Well Construction
1	N/A						
2	N/A			16"		0-3"- Brn Loamy Sand trace organics, trace Brick 3"-16"- Fill- Brick, Crushed concrete, trace slag	
3	N/A						
4	N/A						
5	0		WC-3 Fill				
6	N/A					0-33"- Fill- Same as above 33"-36" -Brn f-Silty sand, trace clay	
7	N/A			36"			
8	0						
9	0						
10	0						
11	N/A						
12	N/A			36"		0-36"- Same as above	
13	0						
14	0		WC-3 Native				
15	0						
16							
17							
18							
19							
20						Sample Collection: Grab samples collected for comps	
21							
22						Notes: No odor or staining	
23							
24							
25							

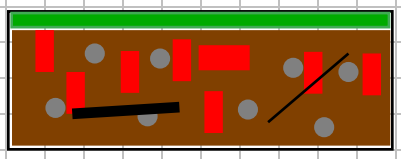
TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50%

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
631.269.8800 telephone
631.269.1599 facsimile
www.impactenvironmental.com

Project #: 10596	Date: 4/26/17	Pg. 1 of 3
Client: Monadnock		Staff: JS
Site: 626 Bergen Ave, Bronx, NY		
Task: Waste Classification Test Pits		

WC-5

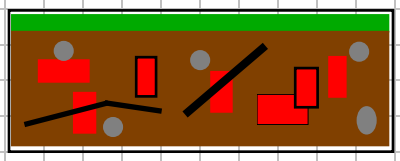
TP-1



0-2"- Brn Loamy m- Sandy Soil Organics, pebbles

2"-2.0' - Fill material, Bricks, Concrete, Metal, little rocks, brn loamy m sandy soil

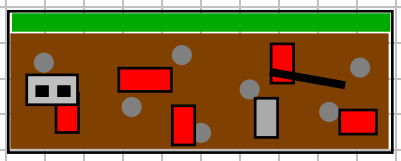
TP-2



0-2"- Brn Loamy m- Sandy Soil Organics, pebbles

2"-2.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

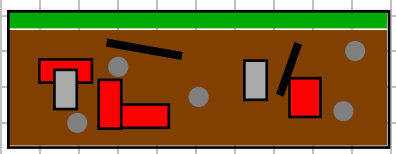
TP-3



0-2"- Brn Loamy m- Sandy Soil Organics, pebbles

2"-2.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

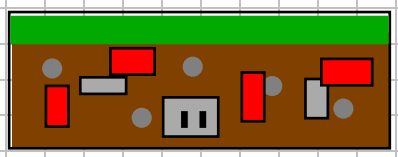
TP-4



0-2"- Brn Loamy m- Sandy Soil Organics, pebbles

2"-2.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

TP-5



0-3"- Brn Loamy m- Sandy Soil Organics, pebbles

3"-2.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

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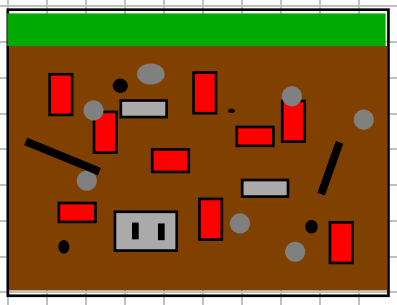
Project #: 10596	Date: 4/26/17	Pg. 2 of 3
Client: Monadnock		Staff: JS
Site: 626 Bergen Ave, Bronx, NY		
Task: Waste Classification Test Pits		

WC-4

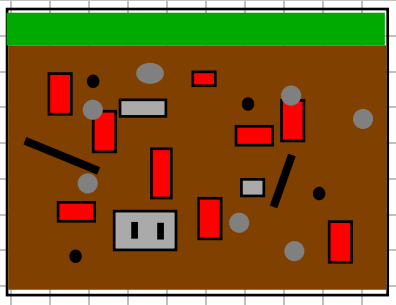
TP-6



0-3"- Brn Loamy m- Sandy Soil Organics, pebbles

3"-5.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, trace slag/coal, brn loamy m- sandy soil

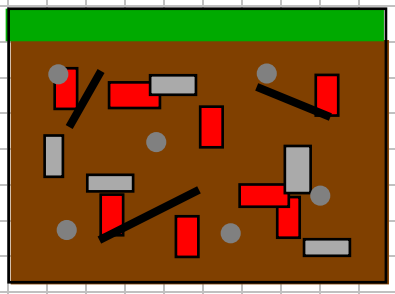
TP-7



0-3"- Brn Loamy m- Sandy Soil Organics, pebbles

3"-5.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, trace slag/coal, brn loamy m- sandy soil

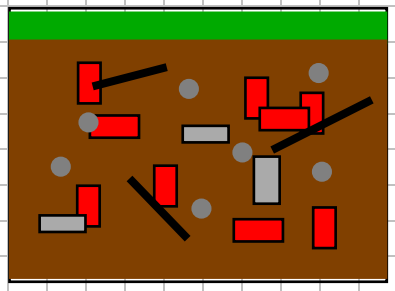
TP-8



0-2.5"- Brn Loamy m- Sandy Soil Organics, pebbles

2.5"-5.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

TP-9



0-2.0"- Brn Loamy m- Sandy Soil Organics, pebbles

2.0"-5.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

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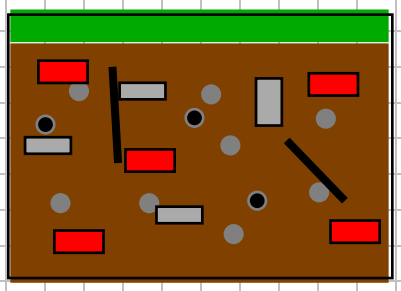
Project #: 10596	Date: 4/26/17	Pg. 3 of 3
Client:Monadnock		Staff: JS
Site: 626 Bergen Ave, Bronx, NY		
Task: Waste Classification Test Pits		

WC-4

TP-10



0-2.0"- Brn Loamy m- Sandy Soil Organics, pebbles

2.0"-5.0' - Fill material, Bricks, Concrete, Metal pipes, little rocks, brn loamy m- sandy soil

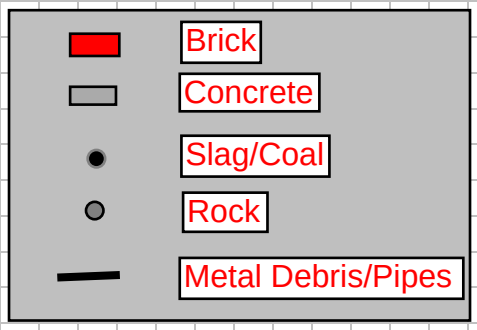


Exhibit 4: Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L1713772
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	LA CENTRAL
Project Number:	10596
Report Date:	05/03/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1713772-01	WC-4 COMP	SOIL	626 BERGEN AVE., BRONX, NY	04/27/17 09:05	04/28/17
L1713772-02	WC-4 GRAB	SOIL	626 BERGEN AVE., BRONX, NY	04/27/17 09:10	04/28/17
L1713772-03	WC-5 COMP	SOIL	626 BERGEN AVE., BRONX, NY	04/27/17 07:45	04/28/17
L1713772-04	WC-5 GRAB	SOIL	626 BERGEN AVE., BRONX, NY	04/27/17 07:50	04/28/17

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG998726-2/-3 LCS/LCSD recoveries, associated with L1713772-01 and -03, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

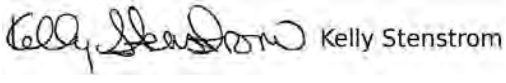
Total Metals

L1713772-01 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Chromium, Hexavalent

The WG999135-4 Insoluble MS recovery (59%), performed on L1713772-03, is below the acceptance criteria. The Soluble MS recovery (65%) was also below criteria. This has been attributed to matrix interference. A post-spike was performed with an acceptable recovery of 100%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 05/03/17

ORGANICS

VOLATILES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-02
Client ID: WC-4 GRAB
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/01/17 15:41
Analyst: JC
Percent Solids: 85%

Date Collected: 04/27/17 09:10
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	2.6	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.42	1
Chloroform	ND		ug/kg	2.3	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.54	1
1,2-Dichloropropane	ND		ug/kg	5.4	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.49	1
Tetrachloroethene	0.99	J	ug/kg	1.6	0.47	1
Chlorobenzene	ND		ug/kg	1.6	0.54	1
Trichlorofluoromethane	ND		ug/kg	7.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.54	1
Bromodichloromethane	ND		ug/kg	1.6	0.48	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.36	1
Bromoform	ND		ug/kg	6.2	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.46	1
Benzene	ND		ug/kg	1.6	0.30	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.6	0.26	1
Chloromethane	ND		ug/kg	7.8	0.68	1
Bromomethane	ND		ug/kg	3.1	0.53	1
Vinyl chloride	ND		ug/kg	3.1	0.49	1
Chloroethane	ND		ug/kg	3.1	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.58	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.38	1
Trichloroethene	ND		ug/kg	1.6	0.47	1
1,2-Dichlorobenzene	ND		ug/kg	7.8	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.8	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	7.8	0.28	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-02 Date Collected: 04/27/17 09:10

Client ID: WC-4 GRAB Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.1	0.24	1
p/m-Xylene	ND		ug/kg	3.1	0.55	1
o-Xylene	ND		ug/kg	3.1	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.53	1
Dibromomethane	ND		ug/kg	16	0.37	1
Styrene	ND		ug/kg	3.1	0.62	1
Dichlorodifluoromethane	ND		ug/kg	16	0.78	1
Acetone	ND		ug/kg	16	3.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	1.1	1
Vinyl acetate	ND		ug/kg	16	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.28	1
Bromochloromethane	ND		ug/kg	7.8	0.56	1
1,2-Dibromoethane	ND		ug/kg	6.2	0.31	1
1,3-Dichloropropane	ND		ug/kg	7.8	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
n-Butylbenzene	ND		ug/kg	1.6	0.36	1
sec-Butylbenzene	ND		ug/kg	1.6	0.34	1
tert-Butylbenzene	ND		ug/kg	7.8	0.38	1
o-Chlorotoluene	ND		ug/kg	7.8	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.8	0.62	1
Isopropylbenzene	ND		ug/kg	1.6	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.31	1
Naphthalene	0.89	J	ug/kg	7.8	0.21	1
Acrylonitrile	ND		ug/kg	16	0.80	1
Tert-Butyl Alcohol	ND		ug/kg	93	4.6	1
n-Propylbenzene	ND		ug/kg	1.6	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.8	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.8	0.29	1
Methyl Acetate	ND		ug/kg	31	0.72	1
Acrolein	ND		ug/kg	39	12.	1
1,4-Dioxane	ND		ug/kg	62	22.	1
Freon-113	ND		ug/kg	31	0.80	1

Project Name: LA CENTRAL
Lab Number: L1713772
Project Number: 10596
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-02
Client ID: WC-4 GRAB
Sample Location: 626 BERGEN AVE., BRONX, NY
Date Collected: 04/27/17 09:10
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-04
Client ID: WC-5 GRAB
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/01/17 16:08
Analyst: JC
Percent Solids: 83%

Date Collected: 04/27/17 07:50
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.3	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.38	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.48	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.44	1
Tetrachloroethene	1.2	J	ug/kg	1.4	0.42	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.58	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.49	1
Bromodichloromethane	ND		ug/kg	1.4	0.43	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.42	1
Benzene	ND		ug/kg	1.4	0.27	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.0	0.61	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.44	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.52	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1
Trichloroethene	ND		ug/kg	1.4	0.42	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.25	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-04 Date Collected: 04/27/17 07:50

Client ID: WC-5 GRAB Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.21	1
p/m-Xylene	ND		ug/kg	2.8	0.49	1
o-Xylene	ND		ug/kg	2.8	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.48	1
Dibromomethane	ND		ug/kg	14	0.33	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.70	1
Acetone	ND		ug/kg	14	3.2	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.96	1
Vinyl acetate	ND		ug/kg	14	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
Bromochloromethane	ND		ug/kg	7.0	0.50	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
tert-Butylbenzene	ND		ug/kg	7.0	0.34	1
o-Chlorotoluene	ND		ug/kg	7.0	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Isopropylbenzene	ND		ug/kg	1.4	0.27	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1
Tert-Butyl Alcohol	ND		ug/kg	84	4.1	1
n-Propylbenzene	ND		ug/kg	1.4	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.26	1
Methyl Acetate	ND		ug/kg	28	0.64	1
Acrolein	ND		ug/kg	35	11.	1
1,4-Dioxane	ND		ug/kg	56	20.	1
Freon-113	ND		ug/kg	28	0.72	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-04 Date Collected: 04/27/17 07:50

Client ID: WC-5 GRAB Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/01/17 08:51
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG999268-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	0.23	J	ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/01/17 08:51
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG999268-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.22

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/01/17 08:51
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG999268-5					
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Acrolein	ND		ug/kg	25	8.0
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713772

Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG999268-3 WG999268-4								
Methylene chloride	96		97		70-130	1		30
1,1-Dichloroethane	92		90		70-130	2		30
Chloroform	91		91		70-130	0		30
Carbon tetrachloride	91		92		70-130	1		30
1,2-Dichloropropane	92		91		70-130	1		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	92		90		70-130	2		30
Trichlorofluoromethane	102		100		70-139	2		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	89		89		70-130	0		30
Bromodichloromethane	89		91		70-130	2		30
trans-1,3-Dichloropropene	86		89		70-130	3		30
cis-1,3-Dichloropropene	88		92		70-130	4		30
Bromoform	86		92		70-130	7		30
1,1,2,2-Tetrachloroethane	90		92		70-130	2		30
Benzene	91		90		70-130	1		30
Toluene	91		89		70-130	2		30
Ethylbenzene	91		89		70-130	2		30
Chloromethane	86		85		52-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG999268-3 WG999268-4								
Bromomethane	101		98		57-147	3		30
Vinyl chloride	85		81		67-130	5		30
Chloroethane	97		88		50-151	10		30
1,1-Dichloroethene	91		89		65-135	2		30
trans-1,2-Dichloroethene	93		90		70-130	3		30
Trichloroethene	91		89		70-130	2		30
1,2-Dichlorobenzene	91		89		70-130	2		30
1,3-Dichlorobenzene	91		89		70-130	2		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	92		91		70-130	1		30
o-Xylene	93		93		70-130	0		30
cis-1,2-Dichloroethene	92		91		70-130	1		30
Dibromomethane	92		94		70-130	2		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	90		87		30-146	3		30
Acetone	93		96		54-140	3		30
Carbon disulfide	63		60		59-130	5		30
2-Butanone	77		82		70-130	6		30
Vinyl acetate	91		94		70-130	3		30
4-Methyl-2-pentanone	88		92		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG999268-3 WG999268-4								
1,2,3-Trichloropropane	91		92		68-130	1		30
Bromochloromethane	96		97		70-130	1		30
1,2-Dibromoethane	91		93		70-130	2		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	88		92		70-130	4		30
n-Butylbenzene	92		90		70-130	2		30
sec-Butylbenzene	92		90		70-130	2		30
tert-Butylbenzene	92		88		70-130	4		30
o-Chlorotoluene	90		86		70-130	5		30
1,2-Dibromo-3-chloropropane	84		93		68-130	10		30
Isopropylbenzene	91		88		70-130	3		30
p-Isopropyltoluene	92		90		70-130	2		30
Naphthalene	86		88		70-130	2		30
Acrylonitrile	95		98		70-130	3		30
Tert-Butyl Alcohol	80		90		70-130	12		30
n-Propylbenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	92		89		70-130	3		30
1,2,4-Trimethylbenzene	93		90		70-130	3		30
Methyl Acetate	90		91		51-146	1		30
Acrolein	101		116		70-130	14		30
1,4-Dioxane	97		107		65-136	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG999268-3 WG999268-4								
Freon-113	94		91		50-139	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/03/17 00:31
Analyst: RC
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	590		ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	12000	E	ug/kg	120	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	480		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	7400		ug/kg	120	22.	1
Benzo(a)pyrene	5800		ug/kg	160	47.	1
Benzo(b)fluoranthene	7600		ug/kg	120	33.	1
Benzo(k)fluoranthene	2500		ug/kg	120	31.	1
Chrysene	6700		ug/kg	120	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01 Date Collected: 04/27/17 09:05

Client ID: WC-4 COMP Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	1200		ug/kg	160	30.	1
Anthracene	2600		ug/kg	120	38.	1
Benzo(ghi)perylene	3200		ug/kg	160	23.	1
Fluorene	820		ug/kg	190	19.	1
Phenanthrene	8400	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	990		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	3800		ug/kg	160	27.	1
Pyrene	11000	E	ug/kg	120	19.	1
Biphenyl	64	J	ug/kg	440	45.	1
Aniline	ND		ug/kg	230	92.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	420		ug/kg	190	18.	1
2-Methylnaphthalene	160	J	ug/kg	230	23.	1
Acetophenone	40	J	ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	53	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	720		ug/kg	190	19.	1
Parathion	ND		ug/kg	390	390	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01 Date Collected: 04/27/17 09:05

Client ID: WC-4 COMP Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	54		18-120

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01 D
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/03/17 11:03
Analyst: RC
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	11000		ug/kg	230	44.	2
Phenanthrene	8800		ug/kg	230	47.	2
Pyrene	10000		ug/kg	230	39.	2

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/03/17 00:57
Analyst: RC
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	4000		ug/kg	120	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	270		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2000		ug/kg	120	22.	1
Benzo(a)pyrene	1800		ug/kg	150	47.	1
Benzo(b)fluoranthene	2400		ug/kg	120	32.	1
Benzo(k)fluoranthene	830		ug/kg	120	31.	1
Chrysene	1900		ug/kg	120	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03 Date Collected: 04/27/17 07:45

Client ID: WC-5 COMP Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	260		ug/kg	150	30.	1
Anthracene	670		ug/kg	120	37.	1
Benzo(ghi)perylene	1000		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	19.	1
Phenanthrene	2400		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	290		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	27.	1
Pyrene	3300		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
Aniline	ND		ug/kg	230	90.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	120	J	ug/kg	190	18.	1
2-Methylnaphthalene	39	J	ug/kg	230	23.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	350		ug/kg	190	19.	1
Parathion	ND		ug/kg	380	380	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1

Project Name: LA CENTRAL **Lab Number:** L1713772

Project Number: 10596 **Report Date:** 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03 Date Collected: 04/27/17 07:45

Client ID: WC-5 COMP Date Received: 04/28/17

Sample Location: 626 BERGEN AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	63		18-120

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 18:27
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG998726-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 18:27
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG998726-1					
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
Aniline	ND		ug/kg	200	78.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 18:27
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 04/29/17 02:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG998726-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Parathion	ND		ug/kg	330	330
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG998726-2 WG998726-3								
Acenaphthene	65		75		31-137	14		50
Benzidine	36		45		10-66	22		50
1,2,4-Trichlorobenzene	62		68		38-107	9		50
Hexachlorobenzene	63		72		40-140	13		50
Bis(2-chloroethyl)ether	63		68		40-140	8		50
2-Chloronaphthalene	62		69		40-140	11		50
3,3'-Dichlorobenzidine	62		71		40-140	14		50
2,4-Dinitrotoluene	67		79		40-132	16		50
2,6-Dinitrotoluene	65		74		40-140	13		50
Azobenzene	67		77		40-140	14		50
Fluoranthene	67		77		40-140	14		50
Bis(2-chloroisopropyl)ether	65		71		40-140	9		50
Hexachlorobutadiene	57		64		40-140	12		50
Hexachlorocyclopentadiene	61		68		40-140	11		50
Hexachloroethane	59		63		40-140	7		50
Isophorone	67		75		40-140	11		50
Nitrobenzene	63		70		40-140	11		50
NDPA/DPA	67		77		36-157	14		50
n-Nitrosodi-n-propylamine	65		73		32-121	12		50
Bis(2-ethylhexyl)phthalate	65		74		40-140	13		50
Butyl benzyl phthalate	66		79		40-140	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG998726-2 WG998726-3								
Di-n-butylphthalate	70		81		40-140	15		50
Di-n-octylphthalate	63		73		40-140	15		50
Diethyl phthalate	67		77		40-140	14		50
Dimethyl phthalate	64		72		40-140	12		50
Benzo(a)anthracene	68		77		40-140	12		50
Benzo(a)pyrene	72		82		40-140	13		50
Benzo(b)fluoranthene	70		79		40-140	12		50
Benzo(k)fluoranthene	70		80		40-140	13		50
Chrysene	67		75		40-140	11		50
Acenaphthylene	64		72		40-140	12		50
Anthracene	68		78		40-140	14		50
Benzo(ghi)perylene	72		80		40-140	11		50
Fluorene	66		76		40-140	14		50
Phenanthrene	66		75		40-140	13		50
Dibenzo(a,h)anthracene	73		82		40-140	12		50
Indeno(1,2,3-cd)pyrene	70		80		40-140	13		50
Pyrene	66		76		35-142	14		50
Biphenyl	65		73		54-104	12		50
Aniline	46		51		40-140	10		50
4-Chloroaniline	43		56		40-140	26		50
2-Nitroaniline	64		74		47-134	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG998726-2 WG998726-3								
3-Nitroaniline	58		68		26-129	16		50
4-Nitroaniline	66		78		41-125	17		50
Dibenzofuran	66		75		40-140	13		50
2-Methylnaphthalene	61		69		40-140	12		50
Acetophenone	68		76		14-144	11		50
n-Nitrosodimethylamine	60		62		22-100	3		50
2,4,6-Trichlorophenol	63		71		30-130	12		50
p-Chloro-m-cresol	66		75		26-103	13		50
2-Chlorophenol	64		72		25-102	12		50
2,4-Dichlorophenol	68		77		30-130	12		50
2,4-Dimethylphenol	81		91		30-130	12		50
2-Nitrophenol	63		72		30-130	13		50
4-Nitrophenol	66		77		11-114	15		50
2,4-Dinitrophenol	41		50		4-130	20		50
4,6-Dinitro-o-cresol	55		66		10-130	18		50
Pentachlorophenol	58		70		17-109	19		50
Phenol	68		76		26-90	11		50
2-Methylphenol	68		78		30-130.	14		50
3-Methylphenol/4-Methylphenol	69		78		30-130	12		50
2,4,5-Trichlorophenol	65		74		30-130	13		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG998726-2 WG998726-3								
Benzyl Alcohol	66		76		40-140	14		50
Carbazole	67		77		54-128	14		50
Parathion	75		88		40-140	16		50
Atrazine	79		91		40-140	14		50
Benzaldehyde	52		54		40-140	4		50
Caprolactam	73		84		15-130	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		69		25-120
Phenol-d6	65		74		10-120
Nitrobenzene-d5	61		67		23-120
2-Fluorobiphenyl	59		65		30-120
2,4,6-Tribromophenol	62		71		10-136
4-Terphenyl-d14	64		72		18-120

PETROLEUM HYDROCARBONS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 04/29/17 20:54
Analyst: SR
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 01:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	642		mg/kg	26.6	26.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	71		40-140

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 04/29/17 21:25
Analyst: SR
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 01:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	251		mg/kg	27.2	27.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	77		40-140

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 04/29/17 18:18
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 04/29/17 01:18

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03 Batch: WG998722-1					
Total EPH	ND		mg/kg	23.7	23.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	89		40-140
o-Terphenyl	88		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713772

Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03 Batch: WG998722-2 WG998722-3								
Total EPH	92		96		40-140	4		25
Nonane (C9)	65		63		40-140	3		25
Decane (C10)	74		72		40-140	3		25
Dodecane (C12)	77		77		40-140	0		25
Tetradecane (C14)	82		83		40-140	1		25
Hexadecane (C16)	87		91		40-140	4		25
Octadecane (C18)	90		94		40-140	4		25
Eicosane (C20)	91		94		40-140	3		25
Heneicosane (C21)	91		95		40-140	4		25
Docosane (C22)	90		94		40-140	4		25
Tetracosane (C24)	90		94		40-140	4		25
Hexacosane (C26)	90		94		40-140	4		25
Octacosane (C28)	88		92		40-140	4		25
Triacontane (C30)	86		92		40-140	7		25
Dotriacontane (C32)	86		92		40-140	7		25
Tetratriacontane (C34)	84		90		40-140	7		25
Hexatriacontane (C36)	85		93		40-140	9		25
Octatriacontane (C38)	85		93		40-140	9		25
Tetracontane (C40)	83		93		40-140	11		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab	Associated sample(s): 01,03		Batch: WG998722-2 WG998722-3					

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	85		86		40-140
o-Terphenyl	86		88		40-140

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG998722-4 QC Sample: L1713772-01 Client ID: WC-4 COMP												
Total EPH	642	273	752	40		-	-		40-140	-		50
Nonane (C9)	ND	7.59	3.62	48		-	-		40-140	-		50
Decane (C10)	ND	7.59	3.95	52		-	-		40-140	-		50
Dodecane (C12)	ND	7.59	4.32	57		-	-		40-140	-		50
Tetradecane (C14)	ND	7.59	4.70	62		-	-		40-140	-		50
Hexadecane (C16)	ND	7.59	4.97	65		-	-		40-140	-		50
Octadecane (C18)	ND	7.59	5.26	69		-	-		40-140	-		50
Eicosane (C20)	ND	7.59	5.18	68		-	-		40-140	-		50
Heneicosane (C21)	ND	7.59	5.81	77		-	-		40-140	-		50
Docosane (C22)	ND	7.59	5.20	69		-	-		40-140	-		50
Tetracosane (C24)	ND	7.59	5.40	71		-	-		40-140	-		50
Hexacosane (C26)	ND	7.59	4.72	62		-	-		40-140	-		50
Octacosane (C28)	ND	7.59	5.08	67		-	-		40-140	-		50
Triacontane (C30)	ND	7.59	5.29	70		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.59	4.92	65		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.59	4.74	62		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.59	5.50	72		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.59	5.02	66		-	-		40-140	-		50
Tetracontane (C40)	ND	7.59	5.23	69		-	-		40-140	-		50

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG998722-4 QC Sample: L1713772-01 Client ID: WC-4 COMP												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	66				40-140
o-Terphenyl	61				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG998722-5 QC Sample: L1713772-01 Client ID: WC-4 COMP						
Total EPH	642	741	mg/kg	14		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		72		40-140
o-Terphenyl	71		65		40-140

PCBS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID:	L1713772-01	Date Collected:	04/27/17 09:05
Client ID:	WC-4 COMP	Date Received:	04/28/17
Sample Location:	626 BERGEN AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/01/17 14:24
Analytical Date:	05/03/17 11:50	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/01/17
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/01/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.93	1	A
Aroclor 1221	ND		ug/kg	37.0	3.42	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.54	1	A
Aroclor 1248	ND		ug/kg	37.0	3.13	1	A
Aroclor 1254	579		ug/kg	37.0	3.04	1	A
Aroclor 1260	ND		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.37	1	A
PCBs, Total	579		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/02/17 08:57
Analyst: HT
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/01/17 14:24
Cleanup Method: EPA 3665A
Cleanup Date: 05/01/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	2.98	1	A
Aroclor 1221	ND		ug/kg	37.7	3.48	1	A
Aroclor 1232	ND		ug/kg	37.7	4.42	1	A
Aroclor 1242	ND		ug/kg	37.7	4.62	1	A
Aroclor 1248	ND		ug/kg	37.7	3.18	1	A
Aroclor 1254	62.9		ug/kg	37.7	3.10	1	B
Aroclor 1260	116		ug/kg	37.7	2.87	1	B
Aroclor 1262	ND		ug/kg	37.7	1.87	1	A
Aroclor 1268	ND		ug/kg	37.7	5.47	1	A
PCBs, Total	179		ug/kg	37.7	2.87	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/02/17 01:46
Analyst: JA

Extraction Method: EPA 3546
Extraction Date: 05/01/17 14:24
Cleanup Method: EPA 3665A
Cleanup Date: 05/01/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG999187-1						
Aroclor 1016	ND		ug/kg	32.3	2.55	A
Aroclor 1221	ND		ug/kg	32.3	2.98	A
Aroclor 1232	ND		ug/kg	32.3	3.79	A
Aroclor 1242	ND		ug/kg	32.3	3.96	A
Aroclor 1248	ND		ug/kg	32.3	2.73	A
Aroclor 1254	ND		ug/kg	32.3	2.66	A
Aroclor 1260	ND		ug/kg	32.3	2.46	A
Aroclor 1262	ND		ug/kg	32.3	1.60	A
Aroclor 1268	ND		ug/kg	32.3	4.69	A
PCBs, Total	ND		ug/kg	32.3	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	51		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713772

Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG999187-2 WG999187-3									
Aroclor 1016	109		109		40-140	0		50	A
Aroclor 1260	97		101		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		92		30-150	A
Decachlorobiphenyl	58		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		86		30-150	B
Decachlorobiphenyl	62		61		30-150	B

PESTICIDES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/29/17 17:22
Analyst: DM
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 00:48
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	2.06		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	3.44		ug/kg	0.898	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.749	0.307	1	A
Dieldrin	38.6	PI	ug/kg	1.12	0.562	1	A
4,4'-DDE	28.6	PI	ug/kg	1.80	0.416	1	B
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	310	E	ug/kg	3.37	1.44	1	B
Endosulfan I	8.98		ug/kg	1.80	0.424	1	A
Endosulfan II	25.2	PI	ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	12.7		ug/kg	2.25	0.626	1	A
trans-Chlordane	9.58	PI	ug/kg	2.25	0.593	1	A
Chlordane	137		ug/kg	14.6	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	144		30-150	B
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	**176**	Q	30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/02/17 02:03
Analyst: SL
Percent Solids: 85%
Methylation Date: 04/30/17 20:52

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 04/29/17 05:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	38.4	6.44	1	A
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	56		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01 D
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 12:05
Analyst: KEG
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 00:48
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	411		ug/kg	16.8	7.22	5	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 11:52
Analyst: KEG
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 00:48
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.776	0.347	1	A
Alpha-BHC	ND		ug/kg	0.776	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.706	1	A
Heptachlor	ND		ug/kg	0.931	0.417	1	A
Aldrin	ND		ug/kg	1.86	0.655	1	A
Heptachlor epoxide	4.96	P	ug/kg	3.49	1.05	1	B
Endrin	ND		ug/kg	0.776	0.318	1	A
Dieldrin	70.8		ug/kg	1.16	0.582	1	B
4,4'-DDE	66.9		ug/kg	1.86	0.430	1	A
4,4'-DDD	ND		ug/kg	1.86	0.664	1	A
4,4'-DDT	209	E	ug/kg	3.49	1.50	1	B
Endosulfan I	ND		ug/kg	1.86	0.440	1	A
Endosulfan II	ND		ug/kg	1.86	0.622	1	A
Endosulfan sulfate	ND		ug/kg	0.776	0.369	1	A
Methoxychlor	ND		ug/kg	3.49	1.08	1	A
Toxaphene	ND		ug/kg	34.9	9.77	1	A
cis-Chlordane	14.5	PI	ug/kg	2.33	0.648	1	B
trans-Chlordane	12.1	PI	ug/kg	2.33	0.614	1	A
Chlordane	129	P	ug/kg	15.1	6.17	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	61		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	95		30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID:	L1713772-03	Date Collected:	04/27/17 07:45
Client ID:	WC-5 COMP	Date Received:	04/28/17
Sample Location:	626 BERGEN AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	04/29/17 05:22
Analytical Date:	05/02/17 01:20		
Analyst:	SL		
Percent Solids:	85%		
Methylation Date:	04/30/17 20:52		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	39.2	6.60	1	A
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.08	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	52		30-150	A
DCAA	51		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03 D
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 14:37
Analyst: KEG
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 04/29/17 00:48
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	194	P	ug/kg	6.98	2.99	2	B

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/29/17 16:44
Analyst: GP

Extraction Method: EPA 3546
Extraction Date: 04/29/17 00:48
Cleanup Method: EPA 3620B
Cleanup Date: 04/29/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG998718-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	2.98	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	12.9	5.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	47		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	39		30-150	A

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/01/17 20:02
Analyst: SL

Extraction Method: EPA 8151A
Extraction Date: 04/29/17 05:22

Methylation Date: 04/30/17 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03 Batch: WG998749-1						
Dicamba	ND		ug/kg	32.4	5.44	A
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	57		30-150	A
DCAA	62		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG998718-2 WG998718-3									
Delta-BHC	76		82		30-150	8		30	A
Lindane	71		75		30-150	5		30	A
Alpha-BHC	79		83		30-150	5		30	A
Beta-BHC	84		90		30-150	7		30	A
Heptachlor	72		74		30-150	3		30	A
Aldrin	65		67		30-150	3		30	A
Heptachlor epoxide	62		66		30-150	6		30	A
Endrin	65		69		30-150	6		30	A
Dieldrin	68		70		30-150	3		30	A
4,4'-DDE	66		68		30-150	3		30	A
4,4'-DDD	64		66		30-150	3		30	A
4,4'-DDT	62		65		30-150	5		30	A
Endosulfan I	65		66		30-150	2		30	A
Endosulfan II	60		63		30-150	5		30	A
Endosulfan sulfate	62		65		30-150	5		30	A
Methoxychlor	55		59		30-150	7		30	A
cis-Chlordane	60		62		30-150	3		30	A
trans-Chlordane	56		64		30-150	13		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG998718-2 WG998718-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150	B
Decachlorobiphenyl	46		46		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		67		30-150	A
Decachlorobiphenyl	40		37		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713772

Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG998749-2 WG998749-3									
Dicamba	68		57		30-150	18		30	A
2,4-D	70		58		30-150	19		30	A
2,4,5-T	78		66		30-150	17		30	A
2,4,5-TP (Silvex)	72		62		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	62		51		30-150	A
DCAA	74		58		30-150	B

METALS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 04/29/17 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Barium, TCLP	0.73		mg/l	0.50	0.02	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Cadmium, TCLP	0.02	J	mg/l	0.10	0.01	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Lead, TCLP	1.4		mg/l	0.50	0.03	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/01/17 15:40	05/01/17 19:15	EPA 7470A	1,7470A	EA
Selenium, TCLP	0.048	J	mg/l	0.500	0.035	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/02/17 16:21	05/02/17 19:19	EPA 3015	1,6010C	AB

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	9.0	2.4	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Antimony, Total	1.1	J	mg/kg	4.5	0.34	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Arsenic, Total	4.0		mg/kg	0.90	0.19	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Barium, Total	400		mg/kg	0.90	0.16	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Beryllium, Total	0.15	J	mg/kg	0.45	0.03	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Cadmium, Total	0.79	J	mg/kg	0.90	0.09	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Chromium, Total	16		mg/kg	0.90	0.09	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Cobalt, Total	3.8		mg/kg	1.8	0.15	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Copper, Total	51		mg/kg	0.90	0.23	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Iron, Total	11000		mg/kg	4.5	0.81	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Lead, Total	310		mg/kg	4.5	0.24	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Manganese, Total	200		mg/kg	0.90	0.14	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Mercury, Total	0.35		mg/kg	0.07	0.02	1	04/29/17 09:15	05/02/17 10:33	EPA 7471B	1,7471B	BV
Nickel, Total	10		mg/kg	2.2	0.22	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.23	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.26	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Vanadium, Total	22		mg/kg	0.90	0.18	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
Zinc, Total	740		mg/kg	4.5	0.26	2	05/01/17 11:38	05/01/17 17:37	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	16		mg/kg	0.94	0.94	1		05/03/17 03:09	NA	107,-	

Project Name: LA CENTRAL
Lab Number: L1713772
Project Number: 10596
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 04/29/17 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Barium, TCLP	1.2		mg/l	0.50	0.02	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Cadmium, TCLP	0.02	J	mg/l	0.10	0.01	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Chromium, TCLP	0.42		mg/l	0.20	0.02	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Lead, TCLP	0.33	J	mg/l	0.50	0.03	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/01/17 15:40	05/01/17 19:21	EPA 7470A	1,7470A	EA
Selenium, TCLP	0.08	J	mg/l	0.50	0.04	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/02/17 16:21	05/02/17 19:31	EPA 3015	1,6010C	AB

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	9.0	2.4	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Antimony, Total	0.76	J	mg/kg	4.5	0.34	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Arsenic, Total	3.8		mg/kg	0.90	0.19	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Barium, Total	590		mg/kg	0.90	0.16	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Beryllium, Total	0.08	J	mg/kg	0.45	0.03	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Cadmium, Total	0.88	J	mg/kg	0.90	0.09	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Chromium, Total	11		mg/kg	0.90	0.09	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Cobalt, Total	3.5		mg/kg	1.8	0.15	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Copper, Total	23		mg/kg	0.90	0.23	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Iron, Total	7600		mg/kg	4.5	0.81	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Lead, Total	200		mg/kg	4.5	0.24	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Manganese, Total	160		mg/kg	0.90	0.14	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Mercury, Total	0.67		mg/kg	0.07	0.02	1	04/29/17 09:15	05/02/17 10:38	EPA 7471B	1,7471B	BV
Nickel, Total	7.3		mg/kg	2.2	0.22	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Selenium, Total	0.78	J	mg/kg	1.8	0.23	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.25	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Vanadium, Total	73		mg/kg	0.90	0.18	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
Zinc, Total	740		mg/kg	4.5	0.26	2	05/01/17 11:38	05/01/17 17:41	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11		mg/kg	0.94	0.94	1		05/03/17 03:09	NA	107,-	

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03 Batch: WG998752-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	04/29/17 09:15	05/02/17 09:34	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03 Batch: WG999106-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.40	0.08	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.20	0.01	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Chromium, Total	0.14	J	mg/kg	0.40	0.04	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Iron, Total	0.65	J	mg/kg	2.0	0.36	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Manganese, Total	ND		mg/kg	0.40	0.06	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB
Zinc, Total	ND		mg/kg	2.0	0.12	1	05/01/17 11:38	05/01/17 14:52	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03 Batch: WG999194-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/01/17 15:40	05/01/17 19:08	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 04/29/17 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03 Batch: WG999616-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Barium, TCLP	ND		mg/l	0.50	0.02	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Chromium, TCLP	0.03	J	mg/l	0.20	0.02	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Lead, TCLP	ND		mg/l	0.50	0.03	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Selenium, TCLP	0.04	J	mg/l	0.50	0.04	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/02/17 16:21	05/02/17 19:07	1,6010C	AB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 04/29/17 06:21

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713772

Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG998752-2 SRM Lot Number: D091-540								
Mercury, Total	98		-		72-128	-		
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG999106-2 SRM Lot Number: D091-540								
Aluminum, Total	75		-		52-148	-		
Antimony, Total	179		-		1-200	-		
Arsenic, Total	103		-		80-121	-		
Barium, Total	86		-		84-117	-		
Beryllium, Total	86		-		83-117	-		
Cadmium, Total	97		-		83-117	-		
Chromium, Total	91		-		80-119	-		
Cobalt, Total	97		-		84-115	-		
Copper, Total	92		-		82-117	-		
Iron, Total	100		-		47-154	-		
Lead, Total	96		-		82-118	-		
Manganese, Total	87		-		82-118	-		
Nickel, Total	101		-		83-117	-		
Selenium, Total	96		-		79-121	-		
Silver, Total	83		-		75-124	-		
Thallium, Total	99		-		80-121	-		
Vanadium, Total	96		-		78-122	-		
Zinc, Total	93		-		82-118	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 Batch: WG999194-2					
Mercury, TCLP	102	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 Batch: WG999616-2					
Arsenic, TCLP	108	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	100	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	108	-	75-125	-	20
Silver, TCLP	96	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG998752-3 QC Sample: L1713684-01 Client ID: MS Sample												
Mercury, Total	1.9	0.125	0.77	**0**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999106-3 QC Sample: L1713608-01 Client ID: MS Sample												
Aluminum, Total	9100	246	9900	**324**	Q	-	-		75-125	-		20
Antimony, Total	2.8J	61.6	58	94		-	-		75-125	-		20
Arsenic, Total	12.	14.8	25	88		-	-		75-125	-		20
Barium, Total	200	246	420	89		-	-		75-125	-		20
Beryllium, Total	0.48J	6.16	5.8	94		-	-		75-125	-		20
Cadmium, Total	0.42J	6.28	6.0	95		-	-		75-125	-		20
Chromium, Total	14.	24.6	36	89		-	-		75-125	-		20
Cobalt, Total	8.4	61.6	58	80		-	-		75-125	-		20
Copper, Total	70.	30.8	120	**162**	Q	-	-		75-125	-		20
Iron, Total	16000	123	19000	**2430**	Q	-	-		75-125	-		20
Lead, Total	190	62.8	260	111		-	-		75-125	-		20
Manganese, Total	300	61.6	240	**0**	Q	-	-		75-125	-		20
Nickel, Total	15.	61.6	65	81		-	-		75-125	-		20
Selenium, Total	0.40J	14.8	13	88		-	-		75-125	-		20
Silver, Total	ND	37	33	89		-	-		75-125	-		20
Thallium, Total	ND	14.8	12	81		-	-		75-125	-		20
Vanadium, Total	33.	61.6	83	81		-	-		75-125	-		20
Zinc, Total	400	61.6	380	**0**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999194-3 QC Sample: L1713772-01 Client ID: WC-4 COMP									
Mercury, TCLP	ND	0.025	0.0235	94	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999616-3 QC Sample: L1713772-01 Client ID: WC-4 COMP									
Arsenic, TCLP	ND	1.2	1.2	100	-	-	75-125	-	20
Barium, TCLP	0.73	20	19	91	-	-	75-125	-	20
Cadmium, TCLP	0.02J	0.51	0.51	100	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.9	95	-	-	75-125	-	20
Lead, TCLP	1.4	5.1	6.0	90	-	-	75-125	-	20
Selenium, TCLP	0.048J	1.2	1.2	100	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.48	96	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG998752-4 QC Sample: L1713684-01 Client ID: DUP Sample						
Mercury, Total	1.9	2.3	mg/kg	19		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999106-4 QC Sample: L1713608-01 Client ID: DUP Sample						
Aluminum, Total	9100	7800	mg/kg	15		20
Antimony, Total	2.8J	3.2J	mg/kg	NC		20
Arsenic, Total	12.	12	mg/kg	0		20
Barium, Total	200	140	mg/kg	**35**	Q	20
Beryllium, Total	0.48J	0.40J	mg/kg	NC		20
Cadmium, Total	0.42J	0.28J	mg/kg	NC		20
Chromium, Total	14.	12	mg/kg	15		20
Cobalt, Total	8.4	8.2	mg/kg	2		20
Copper, Total	70.	65	mg/kg	7		20
Iron, Total	16000	17000	mg/kg	6		20
Lead, Total	190	140	mg/kg	**30**	Q	20
Manganese, Total	300	250	mg/kg	18		20
Nickel, Total	15.	13	mg/kg	14		20
Selenium, Total	0.40J	0.54J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	33.	36	mg/kg	9		20
Zinc, Total	400	350	mg/kg	13		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999194-4 QC Sample: L1713772-01 Client ID: WC-4 COMP					
Mercury, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG999616-4 QC Sample: L1713772-01 Client ID: WC-4 COMP					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.73	0.73	mg/l	0	20
Cadmium, TCLP	0.02J	0.02J	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	1.4	1.4	mg/l	0	20
Selenium, TCLP	0.048J	0.047J	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Coarse
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/01/17 17:26	1,1030	JC

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil
Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Wet Soil
Particle Size:	Coarse
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/01/17 17:26	1,1030	JC

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-01
Client ID: WC-4 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil

Date Collected: 04/27/17 09:05
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	04/29/17 07:11	121,2540G	RI
Cyanide, Total	0.59	J	mg/kg	1.1	0.19	1	04/29/17 17:19	05/02/17 12:17	1,9010C/9012B	DE
pH (H)	8.1		SU	-	NA	1	-	04/29/17 07:40	1,9045D	KA
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	05/01/17 12:28	05/03/17 03:09	1,7196A	JT
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:51	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:44	1,7.3	TL

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-02
Client ID: WC-4 GRAB
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil

Date Collected: 04/27/17 09:10
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	04/29/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-03
Client ID: WC-5 COMP
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil

Date Collected: 04/27/17 07:45
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	04/29/17 07:11	121,2540G	RI
Cyanide, Total	1.1		mg/kg	1.1	0.19	1	04/29/17 17:19	05/02/17 12:18	1,9010C/9012B	DE
pH (H)	8.2		SU	-	NA	1	-	04/29/17 07:40	1,9045D	KA
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	05/01/17 12:28	05/03/17 03:09	1,7196A	JT
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:51	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:44	1,7.3	TL

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

SAMPLE RESULTS

Lab ID: L1713772-04
Client ID: WC-5 GRAB
Sample Location: 626 BERGEN AVE., BRONX, NY
Matrix: Soil

Date Collected: 04/27/17 07:50
Date Received: 04/28/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	04/29/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713772
Report Date: 05/03/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG998858-1										
Cyanide, Total	ND		mg/kg	0.98	0.16	1	04/29/17 17:19	05/02/17 11:56	1,9010C/9012B	DE
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG999135-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	05/01/17 12:28	05/03/17 03:00	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG999238-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:40	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG999241-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/01/17 19:10	05/01/17 21:47	1,7.3	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG998784-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG998858-2 WG998858-3								
Cyanide, Total	94		99		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG999135-2								
Chromium, Hexavalent	90		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG999238-2								
Sulfide, Reactive	106		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG999241-2								
Cyanide, Reactive	66		-		30-125	-		40

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG998858-4 WG998858-5 QC Sample: L1713769-08 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		10	97		65-135	10		35
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG999135-4 QC Sample: L1713772-03 Client ID: WC-5 COMP												
Chromium, Hexavalent	ND	1550	910	**59**	Q	-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG998774-1 QC Sample: L1713766-01 Client ID: DUP Sample						
Solids, Total	89.6	88.9	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG998784-2 QC Sample: L1713725-01 Client ID: DUP Sample						
pH	7.8	7.7	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG999135-6 QC Sample: L1713772-03 Client ID: WC-5 COMP						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG999238-3 QC Sample: L1713725-03 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG999241-3 QC Sample: L1713725-03 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 29-APR-17 07:20

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713772-01A	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1713772-01B	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713772-01C	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713772-01X	Plastic 120ml HNO3 preserved Ext	A	<2	5.8	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1713772-01X9	Tumble Vessel	A	N/A	5.8	Y	Absent	-
L1713772-02A	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-02B	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-02C	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-02D	Plastic 2oz unpreserved for TS	A	N/A	5.8	Y	Absent	TS(7)
L1713772-02X	Vial MeOH preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)
L1713772-02Y	Vial Water preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)
L1713772-02Z	Vial Water preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713772
Report Date: 05/03/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713772-03A	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1713772-03B	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713772-03C	Glass 250ml/8oz unpreserved	A	N/A	5.8	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713772-03X	Plastic 120ml HNO3 preserved Ext	A	<2	5.8	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1713772-03X9	Tumble Vessel	A	N/A	5.8	Y	Absent	-
L1713772-04A	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-04B	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-04C	5 gram Encore Sampler	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(2)
L1713772-04D	Plastic 2oz unpreserved for TS	A	N/A	5.8	Y	Absent	TS(7)
L1713772-04X	Vial MeOH preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)
L1713772-04Y	Vial Water preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)
L1713772-04Z	Vial Water preserved split	A	N/A	5.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	LA CENTRAL	**Lab Number:**	L1713772
Project Number:	10596	**Report Date:**	05/03/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	LA CENTRAL	**Lab Number:**	L1713772
Project Number:	10596	**Report Date:**	05/03/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LA CENTRAL	**Lab Number:**	L1713772
Project Number:	10596	**Report Date:**	05/03/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1713772

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

LAB NAME: Alpha

RECEIVED DATE:

Serial_No:05031716:26

Client Information

Company Name	Impact Environmental
Address	170 Keyland Court
City / State / Zip	Bohemia / NY / 11716
Project Contact	Ben Hernandez
Phone #	631-269-8800
Fax #	631-269-1599
E-mail	BHernandez@impactenvironmental.com

Project Information

Project Name	La Central
Street	626 Bergen Ave 1
City / State / Zip	Bronx / NY /
Project #	10596
Sampler's Name	Jason Scalora
Sampler's Signature	

Analytical Information

Impact Analytical Package A*; Impact Analytical Package B**; Impact Analytical Package C***; VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC); GP82 Analysis; VOCs 8260 (CP51 Analyte List); RCRA characteristics

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)		Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact A	Impact B	Impact C	VOC 8260	GP82	VOCs 8260	RCRA	(LAB USE ONLY)
01	1	WC-4Comp		S	C	4/27/17	905	3		X					X					X	
02	2	WC-4Grab		|	G	|	910	4	|							X				
03	3	WC-5Comp		|	C	|	745	3	|					X					X	
04	4	WC-5Grab		|	G	|	750	4	|							X				
	5																				
	6																				
	7																				
	8																				
	9																				
	10																				

Turnaround Time (Business Days)

Standard Service

- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service

- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)

TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☐ Other _____
- ☐ EDD Format_____

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		1	1	2	2	2
3		3 4/27/17 1625	3 AAL 4/28/17 AAL 16:25	4 AAL	4 4/28/17 17:35	4 Paul Magella 4/28/17 17:45
5	Paul Magella	5 4/28/17 2315	5			

COOLER INFORMATION

Cooler Temp:_____ pH:_____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

ANALYTICAL REPORT

Lab Number:	L1713878
Client:	Impact Environmental 1000 Page Avenue Lyndhurst, NJ 07071
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-1599
Project Name:	LA CENTRAL
Project Number:	10596
Report Date:	05/07/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1713878-01	WC-1 COMP	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 12:05	05/01/17
L1713878-02	WC-1 GRAB	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 12:10	05/01/17
L1713878-03	WC-2 COMP	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 13:55	05/01/17
L1713878-04	WC-2 GRAB	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 13:55	05/01/17
L1713878-05	WC-3 COMP	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 14:30	05/01/17
L1713878-06	WC-3 GRAB	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 14:35	05/01/17
L1713878-07	WC-NATIVE COMP	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 16:15	05/01/17
L1713878-08	WC- NATIVE GRAB	SOIL	626 BERGEN AVE, BRONX, NY	05/01/17 16:20	05/01/17

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: LA CENTRAL **Lab Number:** L1713878
Project Number: 10596 **Report Date:** 05/07/17

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1000067-2/-3 LCS/LCSD recoveries, associated with L1713878-01, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG999056-2/-3 LCS/LCSD recoveries, associated with L1713878-03, -05 and -07, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

NJ EPH (Total)

WG999324-1: One or more surrogates failed to meet the DKQP recovery limits. Please refer to the sample results and/or QC section of the report for specific details.

PCBs

L1713878-01 contains peaks which match the retention times for Aroclor 1242, but do not match the area ratios typical for this aroclors. The result for Aroclor 1242 is reported as "weathered".

Total Metals

L1713878-01, -03, -05 and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG999761-3 MS recovery, performed on L1713878-01, is outside the acceptance criteria for mercury (146%). A post digestion spike was performed and was within acceptance criteria.

The WG999761-4 Laboratory Duplicate RPD, performed on L1713878-01, is outside the acceptance criteria for mercury (24%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

Case Narrative (continued)

Cyanide, Total

L1713878-05: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG999466-2 LCS recovery (128%), associated with L1713878-01, -03, -05 and -07, is above our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 05/07/17

ORGANICS

VOLATILES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-02
Client ID: WC-1 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/03/17 16:23
Analyst: BD
Percent Solids: 86%

Date Collected: 05/01/17 12:10
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.36	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.46	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.42	1
Tetrachloroethene	8.7		ug/kg	1.3	0.40	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.55	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.46	1
Bromodichloromethane	ND		ug/kg	1.3	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.31	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Benzene	ND		ug/kg	1.3	0.26	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.6	0.58	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.42	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.32	1
Trichloroethene	ND		ug/kg	1.3	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.24	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-02 Date Collected: 05/01/17 12:10

Client ID: WC-1 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.46	1
o-Xylene	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.45	1
Dibromomethane	ND		ug/kg	13	0.32	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.66	1
Acetone	ND		ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.91	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
Bromochloromethane	ND		ug/kg	6.6	0.47	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
n-Butylbenzene	ND		ug/kg	1.3	0.30	1
sec-Butylbenzene	ND		ug/kg	1.3	0.29	1
tert-Butylbenzene	ND		ug/kg	6.6	0.33	1
o-Chlorotoluene	ND		ug/kg	6.6	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.52	1
Isopropylbenzene	ND		ug/kg	1.3	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.27	1
Naphthalene	ND		ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
Tert-Butyl Alcohol	ND		ug/kg	80	3.9	1
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.25	1
Methyl Acetate	ND		ug/kg	26	0.61	1
Acrolein	ND		ug/kg	33	11.	1
1,4-Dioxane	ND		ug/kg	53	19.	1
Freon-113	ND		ug/kg	26	0.68	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-02 Date Collected: 05/01/17 12:10

Client ID: WC-1 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-04
Client ID: WC-2 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/03/17 16:51
Analyst: BD
Percent Solids: 85%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-04 Date Collected: 05/01/17 13:55

Client ID: WC-2 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.19	1
p/m-Xylene	ND		ug/kg	2.4	0.43	1
o-Xylene	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	3.2	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.84	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	6.1	0.44	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	0.51	J	ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1
Tert-Butyl Alcohol	ND		ug/kg	73	3.6	1
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.23	1
Methyl Acetate	ND		ug/kg	24	0.57	1
Acrolein	ND		ug/kg	30	9.8	1
1,4-Dioxane	ND		ug/kg	49	18.	1
Freon-113	ND		ug/kg	24	0.63	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-04 Date Collected: 05/01/17 13:55

Client ID: WC-2 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-06
Client ID: WC-3 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/03/17 17:18
Analyst: BD
Percent Solids: 88%

Date Collected: 05/01/17 14:35
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.36	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.46	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.42	1
Tetrachloroethene	ND		ug/kg	1.3	0.40	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.55	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.46	1
Bromodichloromethane	ND		ug/kg	1.3	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.31	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.40	1
Benzene	ND		ug/kg	1.3	0.26	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.6	0.58	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.42	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.32	1
Trichloroethene	ND		ug/kg	1.3	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.24	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-06 Date Collected: 05/01/17 14:35

Client ID: WC-3 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.47	1
o-Xylene	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.45	1
Dibromomethane	ND		ug/kg	13	0.32	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.66	1
Acetone	10	J	ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.92	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.24	1
Bromochloromethane	ND		ug/kg	6.6	0.47	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
n-Butylbenzene	ND		ug/kg	1.3	0.30	1
sec-Butylbenzene	ND		ug/kg	1.3	0.29	1
tert-Butylbenzene	ND		ug/kg	6.6	0.33	1
o-Chlorotoluene	ND		ug/kg	6.6	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.27	1
Naphthalene	0.58	J	ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
Tert-Butyl Alcohol	4.6	J	ug/kg	80	3.9	1
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.25	1
Methyl Acetate	ND		ug/kg	26	0.62	1
Acrolein	ND		ug/kg	33	11.	1
1,4-Dioxane	ND		ug/kg	53	19.	1
Freon-113	ND		ug/kg	26	0.68	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-06 Date Collected: 05/01/17 14:35

Client ID: WC-3 GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	105		70-130

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-08
Client ID: WC- NATIVE GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/03/17 17:46
Analyst: BD
Percent Solids: 84%

Date Collected: 05/01/17 16:20
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.3	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.37	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.48	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.42	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.58	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.48	1
Bromodichloromethane	ND		ug/kg	1.4	0.43	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
Bromoform	ND		ug/kg	5.5	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.41	1
Benzene	ND		ug/kg	1.4	0.27	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	6.9	0.60	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.44	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.33	1
Trichloroethene	ND		ug/kg	1.4	0.42	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.25	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-08 Date Collected: 05/01/17 16:20

Client ID: WC- NATIVE GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.21	1
p/m-Xylene	ND		ug/kg	2.8	0.48	1
o-Xylene	ND		ug/kg	2.8	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.47	1
Dibromomethane	ND		ug/kg	14	0.33	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.69	1
Acetone	ND		ug/kg	14	3.2	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.96	1
Vinyl acetate	ND		ug/kg	14	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.24	1
Bromochloromethane	ND		ug/kg	6.9	0.49	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.28	1
1,3-Dichloropropane	ND		ug/kg	6.9	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
tert-Butylbenzene	ND		ug/kg	6.9	0.34	1
o-Chlorotoluene	ND		ug/kg	6.9	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.55	1
Isopropylbenzene	ND		ug/kg	1.4	0.27	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	0.61	J	ug/kg	6.9	0.19	1
Acrylonitrile	ND		ug/kg	14	0.71	1
Tert-Butyl Alcohol	ND		ug/kg	83	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.26	1
Methyl Acetate	ND		ug/kg	28	0.64	1
Acrolein	ND		ug/kg	35	11.	1
1,4-Dioxane	ND		ug/kg	55	20.	1
Freon-113	ND		ug/kg	28	0.71	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-08 Date Collected: 05/01/17 16:20

Client ID: WC- NATIVE GRAB Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by 8260/5035 - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/17 09:31
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08 Batch: WG999942-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/17 09:31
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08 Batch: WG999942-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.22

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/17 09:31
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08 Batch: WG999942-5					
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Acrolein	ND		ug/kg	25	8.0
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG999942-3 WG999942-4								
Methylene chloride	97		94		70-130	3		30
1,1-Dichloroethane	92		86		70-130	7		30
Chloroform	93		89		70-130	4		30
Carbon tetrachloride	92		83		70-130	10		30
1,2-Dichloropropane	94		92		70-130	2		30
Dibromochloromethane	95		96		70-130	1		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	87		79		70-130	10		30
Chlorobenzene	93		88		70-130	6		30
Trichlorofluoromethane	87		76		70-139	13		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	89		80		70-130	11		30
Bromodichloromethane	94		91		70-130	3		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	95		93		70-130	2		30
Bromoform	99		101		70-130	2		30
1,1,2,2-Tetrachloroethane	95		95		70-130	0		30
Benzene	92		86		70-130	7		30
Toluene	91		85		70-130	7		30
Ethylbenzene	90		84		70-130	7		30
Chloromethane	86		79		52-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG999942-3 WG999942-4								
Bromomethane	91		83		57-147	9		30
Vinyl chloride	80		69		67-130	15		30
Chloroethane	77		67		50-151	14		30
1,1-Dichloroethene	85		72		65-135	17		30
trans-1,2-Dichloroethene	91		82		70-130	10		30
Trichloroethene	91		82		70-130	10		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	92		88		70-130	4		30
1,4-Dichlorobenzene	92		88		70-130	4		30
Methyl tert butyl ether	94		94		66-130	0		30
p/m-Xylene	92		86		70-130	7		30
o-Xylene	93		88		70-130	6		30
cis-1,2-Dichloroethene	93		89		70-130	4		30
Dibromomethane	96		94		70-130	2		30
Styrene	95		91		70-130	4		30
Dichlorodifluoromethane	80		68		30-146	16		30
Acetone	104		102		54-140	2		30
Carbon disulfide	112		127		59-130	13		30
2-Butanone	85		86		70-130	1		30
Vinyl acetate	98		98		70-130	0		30
4-Methyl-2-pentanone	94		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG999942-3 WG999942-4								
1,2,3-Trichloropropane	97		93		68-130	4		30
Bromochloromethane	99		96		70-130	3		30
1,2-Dibromoethane	94		95		70-130	1		30
1,3-Dichloropropane	95		94		69-130	1		30
1,1,1,2-Tetrachloroethane	93		91		70-130	2		30
n-Butylbenzene	90		81		70-130	11		30
sec-Butylbenzene	90		80		70-130	12		30
tert-Butylbenzene	90		81		70-130	11		30
o-Chlorotoluene	90		84		70-130	7		30
1,2-Dibromo-3-chloropropane	94		100		68-130	6		30
Isopropylbenzene	91		83		70-130	9		30
p-Isopropyltoluene	91		82		70-130	10		30
Naphthalene	88		90		70-130	2		30
Acrylonitrile	96		101		70-130	5		30
Tert-Butyl Alcohol	100		100		70-130	0		30
n-Propylbenzene	91		82		70-130	10		30
1,3,5-Trimethylbenzene	91		85		70-130	7		30
1,2,4-Trimethylbenzene	93		86		70-130	8		30
Methyl Acetate	95		94		51-146	1		30
Acrolein	107		108		70-130	1		30
1,4-Dioxane	116		113		65-136	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08 Batch: WG999942-3 WG999942-4								
Freon-113	94		74		50-139	24		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/05/17 10:00
Analyst: CB
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/04/17 18:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	560		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	11000	E	ug/kg	110	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	5700		ug/kg	110	21.	1
Benzo(a)pyrene	4900		ug/kg	150	46.	1
Benzo(b)fluoranthene	6100		ug/kg	110	32.	1
Benzo(k)fluoranthene	1900		ug/kg	110	30.	1
Chrysene	6300		ug/kg	110	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01 Date Collected: 05/01/17 12:05

Client ID: WC-1 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	1200		ug/kg	150	29.	1
Anthracene	2000		ug/kg	110	37.	1
Benzo(ghi)perylene	3100		ug/kg	150	22.	1
Fluorene	760		ug/kg	190	18.	1
Phenanthrene	12000	E	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	800		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	3200		ug/kg	150	26.	1
Pyrene	11000	E	ug/kg	110	19.	1
Biphenyl	110	J	ug/kg	430	44.	1
Aniline	ND		ug/kg	230	89.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	680		ug/kg	190	18.	1
2-Methylnaphthalene	440		ug/kg	230	23.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	38	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	65	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	1100		ug/kg	190	18.	1
Parathion	ND		ug/kg	380	380	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01 Date Collected: 05/01/17 12:05

Client ID: WC-1 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	81		18-120

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01 D
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/05/17 14:30
Analyst: CB
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/04/17 18:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	16000		ug/kg	450	87.	4
Phenanthrene	17000		ug/kg	450	92.	4
Pyrene	17000		ug/kg	450	75.	4

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/04/17 09:20
Analyst: PS
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	830		ug/kg	120	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	110	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	810		ug/kg	120	22.	1
Benzo(a)pyrene	740		ug/kg	150	47.	1
Benzo(b)fluoranthene	790		ug/kg	120	32.	1
Benzo(k)fluoranthene	240		ug/kg	120	31.	1
Chrysene	930		ug/kg	120	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03 Date Collected: 05/01/17 13:55

Client ID: WC-2 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	140	J	ug/kg	150	30.	1
Anthracene	170		ug/kg	120	37.	1
Benzo(ghi)perylene	550		ug/kg	150	22.	1
Fluorene	43	J	ug/kg	190	19.	1
Phenanthrene	620		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	130		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	150	27.	1
Pyrene	1300		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
Aniline	ND		ug/kg	230	91.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	31	J	ug/kg	230	23.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	33	J	ug/kg	190	19.	1
Parathion	ND		ug/kg	380	380	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03 Date Collected: 05/01/17 13:55

Client ID: WC-2 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	51		18-120

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/04/17 09:46
Analyst: PS
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	150	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	1900		ug/kg	120	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	170	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1200		ug/kg	120	22.	1
Benzo(a)pyrene	950		ug/kg	150	47.	1
Benzo(b)fluoranthene	1200		ug/kg	120	32.	1
Benzo(k)fluoranthene	360		ug/kg	120	31.	1
Chrysene	1100		ug/kg	120	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05 Date Collected: 05/01/17 14:30

Client ID: WC-3 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	120	J	ug/kg	150	30.	1
Anthracene	510		ug/kg	120	38.	1
Benzo(ghi)perylene	510		ug/kg	150	23.	1
Fluorene	270		ug/kg	190	19.	1
Phenanthrene	1700		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	150		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	550		ug/kg	150	27.	1
Pyrene	1800		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
Aniline	ND		ug/kg	230	91.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	110	J	ug/kg	230	23.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	220		ug/kg	190	19.	1
Parathion	ND		ug/kg	380	380	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05 Date Collected: 05/01/17 14:30

Client ID: WC-3 COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	38		10-120
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	37		18-120

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/03/17 18:04
Analyst: PS
Percent Solids: 84%

Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	ND		ug/kg	120	22.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	90	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1

Project Name: LA CENTRAL **Lab Number:** L1713878

Project Number: 10596 **Report Date:** 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07 Date Collected: 05/01/17 16:15

Client ID: WC-NATIVE COMP Date Received: 05/01/17

Sample Location: 626 BERGEN AVE, BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
Aniline	ND		ug/kg	230	92.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
Parathion	ND		ug/kg	390	390	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1

Project Name: LA CENTRAL
Lab Number: L1713878
Project Number: 10596
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	83		18-120

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/17 04:11
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 05/03/17 21:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1000067-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/17 04:11
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 05/03/17 21:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1000067-1					
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
Aniline	ND		ug/kg	200	77.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	320	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/17 04:11
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 05/03/17 21:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1000067-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Parathion	ND		ug/kg	320	320
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	79		18-120

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 13:30
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 05/01/17 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,05,07 Batch: WG999056-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 13:30
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 05/01/17 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,05,07 Batch: WG999056-1					
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
Aniline	ND		ug/kg	200	78.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/17 13:30
Analyst: KV

Extraction Method: EPA 3546
Extraction Date: 05/01/17 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,05,07 Batch: WG999056-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Parathion	ND		ug/kg	330	330
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1000067-2 WG1000067-3								
Acenaphthene	67		70		31-137	4		50
Benzidine	44		52		10-66	17		50
1,2,4-Trichlorobenzene	64		62		38-107	3		50
Hexachlorobenzene	64		69		40-140	8		50
Bis(2-chloroethyl)ether	69		64		40-140	8		50
2-Chloronaphthalene	67		68		40-140	1		50
3,3'-Dichlorobenzidine	**35**	Q	41		40-140	16		50
2,4-Dinitrotoluene	71		76		40-132	7		50
2,6-Dinitrotoluene	70		75		40-140	7		50
Azobenzene	62		67		40-140	8		50
Fluoranthene	69		74		40-140	7		50
Bis(2-chloroisopropyl)ether	65		62		40-140	5		50
Hexachlorobutadiene	61		58		40-140	5		50
Hexachlorocyclopentadiene	65		64		40-140	2		50
Hexachloroethane	61		57		40-140	7		50
Isophorone	67		67		40-140	0		50
Nitrobenzene	68		66		40-140	3		50
NDPA/DPA	66		71		36-157	7		50
n-Nitrosodi-n-propylamine	65		65		32-121	0		50
Bis(2-ethylhexyl)phthalate	64		68		40-140	6		50
Butyl benzyl phthalate	72		81		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1000067-2 WG1000067-3								
Di-n-butylphthalate	64		69		40-140	8		50
Di-n-octylphthalate	73		78		40-140	7		50
Diethyl phthalate	62		67		40-140	8		50
Dimethyl phthalate	64		68		40-140	6		50
Benzo(a)anthracene	65		69		40-140	6		50
Benzo(a)pyrene	79		82		40-140	4		50
Benzo(b)fluoranthene	76		79		40-140	4		50
Benzo(k)fluoranthene	77		80		40-140	4		50
Chrysene	68		70		40-140	3		50
Acenaphthylene	68		72		40-140	6		50
Anthracene	70		72		40-140	3		50
Benzo(ghi)perylene	69		70		40-140	1		50
Fluorene	67		70		40-140	4		50
Phenanthrene	69		72		40-140	4		50
Dibenzo(a,h)anthracene	69		71		40-140	3		50
Indeno(1,2,3-cd)pyrene	70		71		40-140	1		50
Pyrene	70		77		35-142	10		50
Biphenyl	68		70		54-104	3		50
Aniline	42		44		40-140	5		50
4-Chloroaniline	42		46		40-140	9		50
2-Nitroaniline	76		82		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1000067-2 WG1000067-3								
3-Nitroaniline	55		63		26-129	14		50
4-Nitroaniline	73		82		41-125	12		50
Dibenzofuran	66		70		40-140	6		50
2-Methylnaphthalene	68		67		40-140	1		50
Acetophenone	71		69		14-144	3		50
n-Nitrosodimethylamine	68		61		22-100	11		50
2,4,6-Trichlorophenol	68		72		30-130	6		50
p-Chloro-m-cresol	74		76		26-103	3		50
2-Chlorophenol	72		70		25-102	3		50
2,4-Dichlorophenol	70		73		30-130	4		50
2,4-Dimethylphenol	76		79		30-130	4		50
2-Nitrophenol	70		70		30-130	0		50
4-Nitrophenol	78		84		11-114	7		50
2,4-Dinitrophenol	56		61		4-130	9		50
4,6-Dinitro-o-cresol	66		71		10-130	7		50
Pentachlorophenol	61		67		17-109	9		50
Phenol	73		72		26-90	1		50
2-Methylphenol	74		74		30-130.	0		50
3-Methylphenol/4-Methylphenol	75		76		30-130	1		50
2,4,5-Trichlorophenol	70		76		30-130	8		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1000067-2 WG1000067-3								
Benzyl Alcohol	71		70		40-140	1		50
Carbazole	71		77		54-128	8		50
Parathion	86		92		40-140	7		50
Atrazine	70		76		40-140	8		50
Benzaldehyde	63		61		40-140	3		50
Caprolactam	74		78		15-130	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		70		25-120
Phenol-d6	77		75		10-120
Nitrobenzene-d5	69		66		23-120
2-Fluorobiphenyl	66		67		30-120
2,4,6-Tribromophenol	70		75		10-136
4-Terphenyl-d14	68		74		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05,07 Batch: WG999056-2 WG999056-3								
Acenaphthene	58		64		31-137	10		50
Benzidine	60		58		10-66	3		50
1,2,4-Trichlorobenzene	57		68		38-107	18		50
Hexachlorobenzene	64		69		40-140	8		50
Bis(2-chloroethyl)ether	52		62		40-140	18		50
2-Chloronaphthalene	63		70		40-140	11		50
3,3'-Dichlorobenzidine	53		49		40-140	8		50
2,4-Dinitrotoluene	68		73		40-132	7		50
2,6-Dinitrotoluene	68		72		40-140	6		50
Azobenzene	55		60		40-140	9		50
Fluoranthene	63		68		40-140	8		50
Bis(2-chloroisopropyl)ether	45		53		40-140	16		50
Hexachlorobutadiene	53		65		40-140	20		50
Hexachlorocyclopentadiene	62		71		40-140	14		50
Hexachloroethane	55		64		40-140	15		50
Isophorone	61		68		40-140	11		50
Nitrobenzene	59		68		40-140	14		50
NDPA/DPA	64		69		36-157	8		50
n-Nitrosodi-n-propylamine	60		68		32-121	13		50
Bis(2-ethylhexyl)phthalate	70		75		40-140	7		50
Butyl benzyl phthalate	69		71		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05,07 Batch: WG999056-2 WG999056-3								
Di-n-butylphthalate	68		74		40-140	8		50
Di-n-octylphthalate	69		74		40-140	7		50
Diethyl phthalate	65		69		40-140	6		50
Dimethyl phthalate	65		71		40-140	9		50
Benzo(a)anthracene	63		68		40-140	8		50
Benzo(a)pyrene	65		67		40-140	3		50
Benzo(b)fluoranthene	62		66		40-140	6		50
Benzo(k)fluoranthene	62		63		40-140	2		50
Chrysene	60		65		40-140	8		50
Acenaphthylene	66		72		40-140	9		50
Anthracene	61		66		40-140	8		50
Benzo(ghi)perylene	60		67		40-140	11		50
Fluorene	63		68		40-140	8		50
Phenanthrene	57		62		40-140	8		50
Dibenzo(a,h)anthracene	61		67		40-140	9		50
Indeno(1,2,3-cd)pyrene	66		70		40-140	6		50
Pyrene	62		66		35-142	6		50
Biphenyl	65		72		54-104	10		50
Aniline	45		48		40-140	6		50
4-Chloroaniline	43		44		40-140	2		50
2-Nitroaniline	73		80		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05,07 Batch: WG999056-2 WG999056-3								
3-Nitroaniline	62		65		26-129	5		50
4-Nitroaniline	69		76		41-125	10		50
Dibenzofuran	60		65		40-140	8		50
2-Methylnaphthalene	60		68		40-140	13		50
Acetophenone	61		71		14-144	15		50
n-Nitrosodimethylamine	48		56		22-100	15		50
2,4,6-Trichlorophenol	71		78		30-130	9		50
p-Chloro-m-cresol	73		78		26-103	7		50
2-Chlorophenol	61		72		25-102	17		50
2,4-Dichlorophenol	70		78		30-130	11		50
2,4-Dimethylphenol	73		82		30-130	12		50
2-Nitrophenol	73		82		30-130	12		50
4-Nitrophenol	72		79		11-114	9		50
2,4-Dinitrophenol	52		57		4-130	9		50
4,6-Dinitro-o-cresol	68		73		10-130	7		50
Pentachlorophenol	59		67		17-109	13		50
Phenol	60		68		26-90	13		50
2-Methylphenol	63		71		30-130.	12		50
3-Methylphenol/4-Methylphenol	64		72		30-130	12		50
2,4,5-Trichlorophenol	74		83		30-130	11		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05,07 Batch: WG999056-2 WG999056-3								
Benzyl Alcohol	65		75		40-140	14		50
Carbazole	61		67		54-128	9		50
Parathion	84		88		40-140	5		50
Atrazine	74		81		40-140	9		50
Benzaldehyde	52		62		40-140	18		50
Caprolactam	66		72		15-130	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		69		25-120
Phenol-d6	64		73		10-120
Nitrobenzene-d5	64		75		23-120
2-Fluorobiphenyl	63		70		30-120
2,4,6-Tribromophenol	64		69		10-136
4-Terphenyl-d14	64		68		18-120

PETROLEUM HYDROCARBONS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 05/02/17 19:34
Analyst: DG
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	224		mg/kg	27.4	27.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	75		40-140

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 05/02/17 18:32
Analyst: DG
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	570		mg/kg	27.2	27.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	87		40-140
o-Terphenyl	87		40-140

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 05/02/17 19:03
Analyst: DG
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	221		mg/kg	27.1	27.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	75		40-140

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 05/02/17 12:50
Analyst: DG

Extraction Method: EPA 3546
Extraction Date: 05/02/17 02:03

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05 Batch: WG999324-1					
Total EPH	ND		mg/kg	23.9	23.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	**167**	Q	40-140
o-Terphenyl	**156**	Q	40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 Batch: WG999324-2 WG999324-3								
Total EPH	99		91		40-140	8		25
Nonane (C9)	71		60		40-140	17		25
Decane (C10)	80		68		40-140	16		25
Dodecane (C12)	82		69		40-140	17		25
Tetradecane (C14)	84		71		40-140	17		25
Hexadecane (C16)	91		79		40-140	14		25
Octadecane (C18)	96		87		40-140	10		25
Eicosane (C20)	96		89		40-140	8		25
Heneicosane (C21)	96		90		40-140	6		25
Docosane (C22)	96		90		40-140	6		25
Tetracosane (C24)	96		90		40-140	6		25
Hexacosane (C26)	96		90		40-140	6		25
Octacosane (C28)	94		88		40-140	7		25
Triacontane (C30)	92		87		40-140	6		25
Dotriacontane (C32)	92		87		40-140	6		25
Tetratriacontane (C34)	88		86		40-140	2		25
Hexatriacontane (C36)	90		86		40-140	5		25
Octatriacontane (C38)	91		88		40-140	3		25
Tetracontane (C40)	90		88		40-140	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab	Associated sample(s): 01,03,05		Batch: WG999324-2 WG999324-3					

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	88		81		40-140
o-Terphenyl	89		79		40-140

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999324-4 QC Sample: L1713873-01 Client ID: MS Sample												
Total EPH	ND	276	270	98		-	-		40-140	-		50
Nonane (C9)	ND	7.67	5.20	68		-	-		40-140	-		50
Decane (C10)	ND	7.67	5.84	76		-	-		40-140	-		50
Dodecane (C12)	ND	7.67	5.79	76		-	-		40-140	-		50
Tetradecane (C14)	ND	7.67	5.88	77		-	-		40-140	-		50
Hexadecane (C16)	ND	7.67	6.67	87		-	-		40-140	-		50
Octadecane (C18)	ND	7.67	7.24	94		-	-		40-140	-		50
Eicosane (C20)	ND	7.67	7.30	95		-	-		40-140	-		50
Heneicosane (C21)	ND	7.67	7.36	96		-	-		40-140	-		50
Docosane (C22)	ND	7.67	7.33	96		-	-		40-140	-		50
Tetracosane (C24)	ND	7.67	7.36	96		-	-		40-140	-		50
Hexacosane (C26)	ND	7.67	7.32	96		-	-		40-140	-		50
Octacosane (C28)	ND	7.67	7.17	94		-	-		40-140	-		50
Triacontane (C30)	ND	7.67	7.09	93		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.67	7.06	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.67	6.87	90		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.67	7.20	94		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.67	7.20	94		-	-		40-140	-		50
Tetracontane (C40)	ND	7.67	7.28	95		-	-		40-140	-		50

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999324-4 QC Sample: L1713873-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	83				40-140
o-Terphenyl	83				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999324-5 QC Sample: L1713873-01 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		82		40-140
o-Terphenyl	86		83		40-140

PCBS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01 D
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/17 22:18
Analyst: HT
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 07:28
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	186	14.7	5	A
Aroclor 1221	ND		ug/kg	186	17.2	5	A
Aroclor 1232	ND		ug/kg	186	21.8	5	A
Aroclor 1242	1230		ug/kg	186	22.8	5	B
Aroclor 1248	ND		ug/kg	186	15.7	5	A
Aroclor 1254	ND		ug/kg	186	15.3	5	A
Aroclor 1260	ND		ug/kg	186	14.2	5	A
Aroclor 1262	ND		ug/kg	186	9.24	5	A
Aroclor 1268	ND		ug/kg	186	27.0	5	A
PCBs, Total	1230		ug/kg	186	22.8	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID:	L1713878-03	Date Collected:	05/01/17 13:55
Client ID:	WC-2 COMP	Date Received:	05/01/17
Sample Location:	626 BERGEN AVE, BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/02/17 07:28
Analytical Date:	05/03/17 02:21	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	05/02/17
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	2.97	1	A
Aroclor 1221	ND		ug/kg	37.6	3.47	1	A
Aroclor 1232	ND		ug/kg	37.6	4.41	1	A
Aroclor 1242	ND		ug/kg	37.6	4.61	1	A
Aroclor 1248	ND		ug/kg	37.6	3.18	1	A
Aroclor 1254	ND		ug/kg	37.6	3.10	1	A
Aroclor 1260	ND		ug/kg	37.6	2.87	1	A
Aroclor 1262	ND		ug/kg	37.6	1.87	1	A
Aroclor 1268	ND		ug/kg	37.6	5.46	1	A
PCBs, Total	ND		ug/kg	37.6	1.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/17 02:34
Analyst: AF
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 07:28
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.3	3.02	1	A
Aroclor 1221	ND		ug/kg	38.3	3.53	1	A
Aroclor 1232	ND		ug/kg	38.3	4.49	1	A
Aroclor 1242	ND		ug/kg	38.3	4.69	1	A
Aroclor 1248	ND		ug/kg	38.3	3.23	1	A
Aroclor 1254	ND		ug/kg	38.3	3.15	1	A
Aroclor 1260	ND		ug/kg	38.3	2.92	1	A
Aroclor 1262	ND		ug/kg	38.3	1.90	1	A
Aroclor 1268	ND		ug/kg	38.3	5.55	1	A
PCBs, Total	ND		ug/kg	38.3	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID:	L1713878-07	Date Collected:	05/01/17 16:15
Client ID:	WC-NATIVE COMP	Date Received:	05/01/17
Sample Location:	626 BERGEN AVE, BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/02/17 07:28
Analytical Date:	05/03/17 02:08	Cleanup Method:	EPA 3665A
Analyst:	AF	Cleanup Date:	05/02/17
Percent Solids:	84%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	3.08	1	A
Aroclor 1221	ND		ug/kg	39.0	3.60	1	A
Aroclor 1232	ND		ug/kg	39.0	4.58	1	A
Aroclor 1242	ND		ug/kg	39.0	4.78	1	A
Aroclor 1248	ND		ug/kg	39.0	3.30	1	A
Aroclor 1254	ND		ug/kg	39.0	3.21	1	A
Aroclor 1260	ND		ug/kg	39.0	2.98	1	A
Aroclor 1262	ND		ug/kg	39.0	1.94	1	A
Aroclor 1268	ND		ug/kg	39.0	5.66	1	A
PCBs, Total	ND		ug/kg	39.0	1.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/03/17 01:28
Analyst: AF

Extraction Method: EPA 3546
Extraction Date: 05/02/17 07:28
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG999371-1						
Aroclor 1016	ND		ug/kg	33.1	2.61	A
Aroclor 1221	ND		ug/kg	33.1	3.05	A
Aroclor 1232	ND		ug/kg	33.1	3.88	A
Aroclor 1242	ND		ug/kg	33.1	4.05	A
Aroclor 1248	ND		ug/kg	33.1	2.79	A
Aroclor 1254	ND		ug/kg	33.1	2.72	A
Aroclor 1260	ND		ug/kg	33.1	2.52	A
Aroclor 1262	ND		ug/kg	33.1	1.64	A
Aroclor 1268	ND		ug/kg	33.1	4.80	A
PCBs, Total	ND		ug/kg	33.1	1.64	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999371-2 WG999371-3									
Aroclor 1016	69		76		40-140	10		50	A
Aroclor 1260	79		90		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		77		30-150	A
Decachlorobiphenyl	84		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		79		30-150	B
Decachlorobiphenyl	61		69		30-150	B

PESTICIDES

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 01:49
Analyst: GP
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.891	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Dieldrin	48.2		ug/kg	1.11	0.557	1	B
4,4'-DDE	71.6		ug/kg	1.78	0.412	1	A
4,4'-DDD	7.20	P	ug/kg	1.78	0.636	1	B
4,4'-DDT	349	E	ug/kg	3.34	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	12.9	P	ug/kg	1.78	0.596	1	B
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	28.8		ug/kg	2.23	0.621	1	A
trans-Chlordane	27.3	PI	ug/kg	2.23	0.588	1	A
Chlordane	677	PI	ug/kg	14.5	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/02/17 20:59
Analyst: SL
Percent Solids: 86%
Methylation Date: 05/02/17 13:07

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/02/17 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	38.2	6.42	1	A
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	74		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01 D
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 17:28
Analyst: DM
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	350		ug/kg	16.7	7.16	5	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 02:02
Analyst: GP
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	1.37	P	ug/kg	0.920	0.412	1	B
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	5.50		ug/kg	3.45	1.03	1	A
Endrin	ND		ug/kg	0.767	0.314	1	A
Dieldrin	43.5		ug/kg	1.15	0.575	1	B
4,4'-DDE	47.2		ug/kg	1.84	0.425	1	A
4,4'-DDD	118		ug/kg	1.84	0.656	1	B
4,4'-DDT	248	E	ug/kg	3.45	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.66	1	A
cis-Chlordane	44.5		ug/kg	2.30	0.641	1	A
trans-Chlordane	32.4	PI	ug/kg	2.30	0.607	1	A
Chlordane	159	PI	ug/kg	14.9	6.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/02/17 20:39
Analyst: SL
Percent Solids: 87%
Methylation Date: 05/02/17 13:07

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/02/17 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	38.1	6.40	1	A
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.90	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	78		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03 D
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 17:44
Analyst: DM
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	248		ug/kg	6.90	2.96	2	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 02:14
Analyst: GP
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	10.3		ug/kg	0.927	0.416	1	B
Aldrin	ND		ug/kg	1.85	0.653	1	A
Heptachlor epoxide	9.24	P	ug/kg	3.48	1.04	1	B
Endrin	ND		ug/kg	0.772	0.317	1	A
Dieldrin	24.9		ug/kg	1.16	0.579	1	B
4,4'-DDE	47.5		ug/kg	1.85	0.429	1	A
4,4'-DDD	11.8		ug/kg	1.85	0.661	1	B
4,4'-DDT	297	E	ug/kg	3.48	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.73	1	A
cis-Chlordane	46.0		ug/kg	2.32	0.646	1	A
trans-Chlordane	40.5		ug/kg	2.32	0.612	1	B
Chlordane	386		ug/kg	15.1	6.14	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/02/17 20:20
Analyst: SL
Percent Solids: 85%
Methylation Date: 05/02/17 13:07

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/02/17 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	38.3	6.44	1	A
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.94	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	76		30-150	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID:	L1713878-05 D	Date Collected:	05/01/17 14:30
Client ID:	WC-3 COMP	Date Received:	05/01/17
Sample Location:	626 BERGEN AVE, BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	05/02/17 06:40
Analytical Date:	05/03/17 18:01	Cleanup Method:	EPA 3620B
Analyst:	DM	Cleanup Date:	05/02/17
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	282		ug/kg	17.4	7.46	5	B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/17 02:27
Analyst: GP
Percent Solids: 84%

Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/02/17 06:40
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	ND		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	3.42	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.56	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	0.882	JPI	ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	14.8	6.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	41		30-150	A

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/02/17 19:40
Analyst: SL
Percent Solids: 84%
Methylation Date: 05/02/17 13:07

Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 05/02/17 05:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	39.1	6.57	1	A
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.06	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	65		30-150	B

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/02/17 12:06
Analyst: SL

Extraction Method: EPA 8151A
Extraction Date: 05/01/17 06:28

Methylation Date: 05/02/17 00:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG999019-1						
Dicamba	ND		ug/kg	32.4	5.44	A
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	60		30-150	A
DCAA	61		30-150	B

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/02/17 10:04
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 05/01/17 17:39
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG999250-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.291	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.93	0.880	A
Endrin	ND		ug/kg	0.652	0.267	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	2.93	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.913	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.516	A
Chlordane	ND		ug/kg	12.7	5.18	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	70		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999019-2 WG999019-3									
Dicamba	56		63		30-150	12		30	A
2,4-D	57		67		30-150	16		30	A
2,4,5-T	64		76		30-150	17		30	A
2,4,5-TP (Silvex)	59		70		30-150	17		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	49		57		30-150	A
DCAA	58		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL

Project Number: 10596

Lab Number: L1713878

Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999250-2 WG999250-3									
Delta-BHC	80		91		30-150	13		30	A
Lindane	81		92		30-150	13		30	A
Alpha-BHC	85		96		30-150	12		30	A
Beta-BHC	85		95		30-150	11		30	A
Heptachlor	85		94		30-150	10		30	A
Aldrin	86		93		30-150	8		30	A
Heptachlor epoxide	84		93		30-150	10		30	A
Endrin	88		99		30-150	12		30	A
Dieldrin	91		102		30-150	11		30	A
4,4'-DDE	87		97		30-150	11		30	A
4,4'-DDD	83		91		30-150	9		30	A
4,4'-DDT	93		104		30-150	11		30	A
Endosulfan I	82		92		30-150	11		30	A
Endosulfan II	82		91		30-150	10		30	A
Endosulfan sulfate	58		63		30-150	8		30	A
Methoxychlor	82		91		30-150	10		30	A
cis-Chlordane	79		88		30-150	11		30	A
trans-Chlordane	72		79		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999250-2 WG999250-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		82		30-150	B
Decachlorobiphenyl	60		70		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		80		30-150	A
Decachlorobiphenyl	65		75		30-150	A

METALS

Project Name: LA CENTRAL
Lab Number: L1713878
Project Number: 10596
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/02/17 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Barium, TCLP	0.42	J	mg/l	0.50	0.02	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Chromium, TCLP	ND		mg/l	0.20	0.02	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Lead, TCLP	0.38	J	mg/l	0.50	0.03	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/03/17 11:44	05/03/17 19:40	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.50	0.04	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/03/17 11:32	05/03/17 14:29	EPA 3015	1,6010C	PS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7100		mg/kg	9.0	2.4	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Arsenic, Total	3.5		mg/kg	0.90	0.19	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Barium, Total	490		mg/kg	0.90	0.16	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Beryllium, Total	0.22	J	mg/kg	0.45	0.03	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Cadmium, Total	0.29	J	mg/kg	0.90	0.09	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Chromium, Total	18		mg/kg	0.90	0.09	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Cobalt, Total	4.9		mg/kg	1.8	0.15	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Copper, Total	32		mg/kg	0.90	0.23	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Iron, Total	17000		mg/kg	4.5	0.81	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Lead, Total	310		mg/kg	4.5	0.24	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Manganese, Total	250		mg/kg	0.90	0.14	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Mercury, Total	0.18		mg/kg	0.07	0.02	1	05/03/17 07:25	05/03/17 11:03	EPA 7471B	1,7471B	BV
Nickel, Total	11		mg/kg	2.2	0.22	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Selenium, Total	0.28	J	mg/kg	1.8	0.23	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.26	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Vanadium, Total	20		mg/kg	0.90	0.18	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
Zinc, Total	470		mg/kg	4.5	0.26	2	05/02/17 18:22	05/03/17 00:08	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.93	0.93	1		05/03/17 06:55	NA	107,-	

Project Name: LA CENTRAL
Lab Number: L1713878
Project Number: 10596
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/02/17 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.02	J	mg/l	1.0	0.02	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Barium, TCLP	0.41	J	mg/l	0.50	0.02	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Chromium, TCLP	ND		mg/l	0.20	0.02	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Lead, TCLP	0.65		mg/l	0.50	0.03	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/03/17 11:44	05/03/17 19:46	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.50	0.04	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/03/17 11:32	05/03/17 14:42	EPA 3015	1,6010C	PS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7100		mg/kg	8.8	2.4	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.4	0.33	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Arsenic, Total	4.7		mg/kg	0.88	0.18	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Barium, Total	690		mg/kg	0.88	0.15	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Beryllium, Total	0.16	J	mg/kg	0.44	0.03	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Cadmium, Total	0.34	J	mg/kg	0.88	0.09	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Chromium, Total	18		mg/kg	0.88	0.08	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Cobalt, Total	4.2		mg/kg	1.8	0.14	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Copper, Total	16		mg/kg	0.88	0.22	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Iron, Total	10000		mg/kg	4.4	0.79	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Lead, Total	730		mg/kg	4.4	0.23	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Manganese, Total	180		mg/kg	0.88	0.14	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Mercury, Total	0.14		mg/kg	0.07	0.02	1	05/03/17 07:25	05/03/17 11:28	EPA 7471B	1,7471B	BV
Nickel, Total	7.7		mg/kg	2.2	0.21	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.22	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.88	0.25	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Vanadium, Total	19		mg/kg	0.88	0.18	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
Zinc, Total	690		mg/kg	4.4	0.26	2	05/02/17 18:22	05/03/17 00:13	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.92	0.92	1		05/03/17 06:55	NA	107,-	

Project Name: LA CENTRAL
Lab Number: L1713878
Project Number: 10596
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/02/17 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Barium, TCLP	0.75		mg/l	0.50	0.02	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Chromium, TCLP	ND		mg/l	0.20	0.02	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Lead, TCLP	0.66		mg/l	0.50	0.03	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/03/17 11:44	05/03/17 19:48	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.50	0.04	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/03/17 11:32	05/03/17 14:46	EPA 3015	1,6010C	PS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6600		mg/kg	9.0	2.4	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Arsenic, Total	3.7		mg/kg	0.90	0.19	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Barium, Total	490		mg/kg	0.90	0.16	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Beryllium, Total	0.16	J	mg/kg	0.45	0.03	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Cadmium, Total	0.33	J	mg/kg	0.90	0.09	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Chromium, Total	15		mg/kg	0.90	0.09	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Cobalt, Total	4.4		mg/kg	1.8	0.15	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Copper, Total	23		mg/kg	0.90	0.23	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Iron, Total	8800		mg/kg	4.5	0.81	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Lead, Total	500		mg/kg	4.5	0.24	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Manganese, Total	160		mg/kg	0.90	0.14	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Mercury, Total	0.18		mg/kg	0.07	0.02	1	05/03/17 07:25	05/03/17 11:30	EPA 7471B	1,7471B	BV
Nickel, Total	9.6		mg/kg	2.2	0.22	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Selenium, Total	0.37	J	mg/kg	1.8	0.23	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.90	0.25	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.28	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Vanadium, Total	16		mg/kg	0.90	0.18	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
Zinc, Total	360		mg/kg	4.5	0.26	2	05/02/17 18:22	05/03/17 00:17	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	15		mg/kg	0.94	0.94	1		05/03/17 06:56	NA	107,-	

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Percent Solids: 84%

Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	9.3	2.5	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.6	0.35	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Arsenic, Total	1.4		mg/kg	0.93	0.19	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Barium, Total	28		mg/kg	0.93	0.16	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Beryllium, Total	0.21	J	mg/kg	0.46	0.03	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.93	0.09	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Chromium, Total	18		mg/kg	0.93	0.09	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Cobalt, Total	5.9		mg/kg	1.8	0.15	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Copper, Total	15		mg/kg	0.93	0.24	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	4.6	0.84	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Lead, Total	7.1		mg/kg	4.6	0.25	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Manganese, Total	230		mg/kg	0.93	0.15	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	05/03/17 07:25	05/03/17 11:32	EPA 7471B	1,7471B	BV
Nickel, Total	13		mg/kg	2.3	0.22	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.8	0.24	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.93	0.26	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.29	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Vanadium, Total	42		mg/kg	0.93	0.19	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
Zinc, Total	33		mg/kg	4.6	0.27	2	05/02/17 18:22	05/03/17 00:21	EPA 3050B	1,6010C	AB
General Chemistry - Mansfield Lab											
Chromium, Trivalent	18		mg/kg	0.95	0.95	1		05/03/17 06:57	NA	107,-	

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG999622-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Antimony, Total	ND		mg/kg	2.0	0.15	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.40	0.08	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.20	0.01	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Chromium, Total	ND		mg/kg	0.40	0.04	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.80	0.07	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Copper, Total	ND		mg/kg	0.40	0.10	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Iron, Total	ND		mg/kg	2.0	0.36	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Manganese, Total	ND		mg/kg	0.40	0.06	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Nickel, Total	ND		mg/kg	1.0	0.10	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Thallium, Total	ND		mg/kg	0.80	0.13	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.40	0.08	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB
Zinc, Total	ND		mg/kg	2.0	0.12	1	05/02/17 18:22	05/02/17 23:02	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG999761-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/03/17 07:25	05/03/17 10:59	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05 Batch: WG999889-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Barium, TCLP	ND		mg/l	0.50	0.02	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Chromium, TCLP	ND		mg/l	0.20	0.02	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Lead, TCLP	ND		mg/l	0.50	0.03	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Selenium, TCLP	ND		mg/l	0.50	0.04	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/03/17 11:32	05/03/17 14:21	1,6010C	PS

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/02/17 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05 Batch: WG999893-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/03/17 11:44	05/03/17 19:36	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/02/17 07:09

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG999622-2 SRM Lot Number: D091-540								
Aluminum, Total	77		-		52-148	-		
Antimony, Total	171		-		1-200	-		
Arsenic, Total	103		-		80-121	-		
Barium, Total	96		-		84-117	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	107		-		83-117	-		
Chromium, Total	98		-		80-119	-		
Cobalt, Total	104		-		84-115	-		
Copper, Total	98		-		82-117	-		
Iron, Total	93		-		47-154	-		
Lead, Total	103		-		82-118	-		
Manganese, Total	97		-		82-118	-		
Nickel, Total	101		-		83-117	-		
Selenium, Total	107		-		79-121	-		
Silver, Total	96		-		75-124	-		
Thallium, Total	113		-		80-121	-		
Vanadium, Total	96		-		78-122	-		
Zinc, Total	103		-		82-118	-		
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG999761-2 SRM Lot Number: D091-540								
Mercury, Total	98		-		72-128	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG999889-2					
Arsenic, TCLP	100	-	75-125	-	20
Barium, TCLP	95	-	75-125	-	20
Cadmium, TCLP	104	-	75-125	-	20
Chromium, TCLP	100	-	75-125	-	20
Lead, TCLP	94	-	75-125	-	20
Selenium, TCLP	100	-	75-125	-	20
Silver, TCLP	96	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG999893-2					
Mercury, TCLP	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999622-3 WG999622-4 QC Sample: L1713741-04 Client ID: MS Sample												
Aluminum, Total	6500	174	7000	**288**	Q	7400	**510**	Q	75-125	6		20
Antimony, Total	ND	43.4	23	**53**	Q	24	**54**	Q	75-125	4		20
Arsenic, Total	1.4	10.4	7.8	**61**	Q	8.0	**62**	Q	75-125	3		20
Barium, Total	45.	174	130	**49**	Q	140	**54**	Q	75-125	7		20
Beryllium, Total	0.53	4.34	2.8	**52**	Q	2.9	**54**	Q	75-125	4		20
Cadmium, Total	ND	4.43	2.3	**52**	Q	2.4	**53**	Q	75-125	4		20
Chromium, Total	8.8	17.4	17	**47**	Q	18	**52**	Q	75-125	6		20
Cobalt, Total	5.4	43.4	28	**52**	Q	26	**47**	Q	75-125	7		20
Copper, Total	12.	21.7	22	**46**	Q	23	**50**	Q	75-125	4		20
Iron, Total	13000	86.9	14000	**1150**	Q	14000	**1130**	Q	75-125	0		20
Lead, Total	11.	44.3	30	**43**	Q	31	**44**	Q	75-125	3		20
Manganese, Total	270	43.4	260	**0**	Q	260	**0**	Q	75-125	0		20
Nickel, Total	12.	43.4	32	**46**	Q	33	**48**	Q	75-125	3		20
Selenium, Total	ND	10.4	5.8	**56**	Q	5.8	**55**	Q	75-125	0		20
Silver, Total	ND	26.1	14	**54**	Q	15	**57**	Q	75-125	7		20
Thallium, Total	ND	10.4	5.0	**48**	Q	4.8	**45**	Q	75-125	4		20
Vanadium, Total	20.	43.4	43	**53**	Q	46	**59**	Q	75-125	7		20
Zinc, Total	46.	43.4	61	**34**	Q	61	**34**	Q	75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999761-3 QC Sample: L1713878-01 Client ID: WC-1 COMP												
Mercury, Total	0.18	0.151	0.40	**146**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG999889-3 QC Sample: L1713878-01 Client ID: WC-1 COMP									
Arsenic, TCLP	ND	1.2	1.3	108	-	-	75-125	-	20
Barium, TCLP	0.42J	20	19	95	-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.55	108	-	-	75-125	-	20
Chromium, TCLP	ND	2	2.0	100	-	-	75-125	-	20
Lead, TCLP	0.38J	5.1	5.4	106	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.3	108	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.49	98	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG999893-3 QC Sample: L1713878-01 Client ID: WC-1 COMP									
Mercury, TCLP	ND	0.025	0.0248	99	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999761-4 QC Sample: L1713878-01 Client ID: WC-1 COMP						
Mercury, Total	0.18	0.23	mg/kg	**24**	Q	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG999889-4 QC Sample: L1713878-01 Client ID: WC-1 COMP						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.42J	0.42J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.38J	0.39J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG999893-4 QC Sample: L1713878-01 Client ID: WC-1 COMP						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/03/17 02:00	1,1030	SB

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/03/17 02:00	1,1030	SB

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Fine
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/03/17 02:00	1,1030	SB

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-01
Client ID: WC-1 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil

Date Collected: 05/01/17 12:05
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI
Cyanide, Total	0.89	J	mg/kg	1.2	0.19	1	05/02/17 11:55	05/02/17 15:35	1,9010C/9012B	DE
pH (H)	9.0		SU	-	NA	1	-	05/02/17 05:58	1,9045D	KA
Chromium, Hexavalent	ND		mg/kg	0.93	0.19	1	05/02/17 14:26	05/03/17 06:55	1,7196A	JT
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:38	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:31	1,7.3	TL

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-02
Client ID: WC-1 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 12:10
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-03
Client ID: WC-2 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil

Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI
Cyanide, Total	0.97	J	mg/kg	1.1	0.18	1	05/02/17 11:55	05/02/17 15:36	1,9010C/9012B	DE
pH (H)	8.2		SU	-	NA	1	-	05/02/17 05:58	1,9045D	KA
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	05/02/17 14:26	05/03/17 06:55	1,7196A	JT
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:38	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:31	1,7.3	TL

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-04
Client ID: WC-2 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 13:55
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-05
Client ID: WC-3 COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 14:30
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI
Cyanide, Total	0.86	J	mg/kg	2.2	0.37	2	05/02/17 11:55	05/02/17 17:29	1,9010C/9012B	DE
pH (H)	9.2		SU	-	NA	1	-	05/02/17 05:58	1,9045D	KA
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	05/02/17 14:26	05/03/17 06:56	1,7196A	JT
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:38	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:32	1,7.3	TL

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-06
Client ID: WC-3 GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil

Date Collected: 05/01/17 14:35
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-07
Client ID: WC-NATIVE COMP
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil
Date Collected: 05/01/17 16:15
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.19	1	05/02/17 11:55	05/02/17 15:37	1,9010C/9012B	DE
Chromium, Hexavalent	ND		mg/kg	0.95	0.19	1	05/02/17 14:26	05/03/17 06:57	1,7196A	JT

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

SAMPLE RESULTS

Lab ID: L1713878-08
Client ID: WC- NATIVE GRAB
Sample Location: 626 BERGEN AVE, BRONX, NY
Matrix: Soil

Date Collected: 05/01/17 16:20
Date Received: 05/01/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	05/02/17 07:11	121,2540G	RI

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG999466-1										
Cyanide, Total	ND		mg/kg	0.95	0.16	1	05/02/17 11:55	05/02/17 15:08	1,9010C/9012B	DE
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG999566-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	05/02/17 14:26	05/03/17 06:53	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG999645-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:35	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG999646-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/02/17 19:05	05/02/17 20:28	1,7.3	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG999351-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999466-2 WG999466-3								
Cyanide, Total	**128**	Q	114		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG999566-2								
Chromium, Hexavalent	97		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG999645-2								
Cyanide, Reactive	56		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG999646-2								
Sulfide, Reactive	110		-		60-125	-		40

Matrix Spike Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999466-4 WG999466-5 QC Sample: L1712414-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	92		10	93		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999566-4 QC Sample: L1713878-01 Client ID: WC-1 COMP												
Chromium, Hexavalent	ND	1030	850	83		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999351-2 QC Sample: L1713871-01 Client ID: DUP Sample						
pH	7.9	7.9	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG999365-1 QC Sample: L1713878-01 Client ID: WC-1 COMP						
Solids, Total	86.0	85.3	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG999566-6 QC Sample: L1713878-01 Client ID: WC-1 COMP						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999645-3 QC Sample: L1713695-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG999646-3 QC Sample: L1713695-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 02-MAY-17 09:14

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713878-01A	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1713878-01B	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-01C	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-01X	Plastic 120ml HNO3 preserved Ext	A	<2	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1713878-01X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1713878-02A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-02B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-02C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-02D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1713878-02X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-02Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-02Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713878-03A	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1713878-03B	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-03C	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-03X	Plastic 120ml HNO3 preserved Ext	A	<2	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1713878-03X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1713878-04A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-04B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-04C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-04D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1713878-04X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-04Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-04Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-05A	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713878-05B	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-05C	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14),HEXCR-7196(30)
L1713878-05X	Plastic 120ml HNO3 preserved Ext	A	<2	4.1	Y	Absent	CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1713878-05X9	Tumble Vessel	A	N/A	4.1	Y	Absent	-
L1713878-06A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-06B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-06C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-06D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1713878-06X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-06Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-06Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-07A	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L1713878-07B	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1713878-07C	Glass 250ml/8oz unpreserved	A	N/A	4.1	Y	Absent	NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(14),HEXCR-7196(30)
L1713878-08A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-08B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1713878-08C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: LA CENTRAL
Project Number: 10596

Lab Number: L1713878
Report Date: 05/07/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1713878-08D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1713878-08X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-08Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1713878-08Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	LA CENTRAL	**Lab Number:**	L1713878
Project Number:	10596	**Report Date:**	05/07/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Project Name:	LA CENTRAL	**Lab Number:**	L1713878
Project Number:	10596	**Report Date:**	05/07/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: LA CENTRAL
Project Number: 10596
Lab Number: L1713878
Report Date: 05/07/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1713878

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
(Tel.) 631-269-8800 (Fax) 631-269-1599

Page 1 of 1

ICL ☐ ISW ☐
IEC ☒ SGC ☐
IM ☐

Serial_No:05071718:05

LAB NAME: ALPHA LABS

RECEIVED DATE:

Client Information

- **Company Name:** Impact Environmental
- **Address:** 170 Keyland Court
- **City:** Bohemia **State:** NY **Zip:** 11716
- **Project Contact:** BEN HERNANDEZ
- **Phone #:** 631-269-8800 **Fax #:** 631-269-1599
- **E-mail:** BHERNANDEZ@IMPACTENVIRONMENTAL.COM

Project Information

- **Project Name:** LACENTRAL
- **Street:** BERGEN AVE
- **City:** BRONX **State:** NY **Zip:**
- **Project #:** 10596
- **Sampler's Name:** JASON SCALORA
- **Sampler's Signature:**

LAB SAMPLE # (LAB USE ONLY)	Sample Information: Sample ID	IEC Project Code	Sample Collection: Matrix Code	Sample Type	Sample Date	Time	Sample Containers: Total # of bottles	NONE or OTHER*	ICE	HCL	Methanol (USEPA 5035)	Sodium Bisulfate (EPA 5035)	Impact Analytical Package A*	Impact Analytical Package B**	Impact Analytical Package C***	VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)	GP82 Analysis	VOCs 8260 (CP51 Analyte List)	RCRA CHARACTERISTICS
01	1 WC-1 COMP	10596	S	C	5/1/17	1205	3							X					X
02	2 WC-1 GRAB			G		1210	4									X			
03	3 WC-2 COMP			C		1355	3							X					X
04	4 WC-2 GRAB			G		1355	4									X			
05	5 WC-3 COMP			C		1430	3							X					X
06	6 WC-3 GRAB			G		1435	4									X			
07	7 WC-NATIVE COMP			C		1615	3						X						
08	8 WC-NATIVE GRAB	↓	↓	G	↓	1620	4									X			
	9																		
	10																		

Analytical Information

- Impact Analytical Package A*
- Impact Analytical Package B**
- Impact Analytical Package C***
- VOC 8260 (Analyte List for NY Part 375 and NJ NRDCC)
- GP82 Analysis
- VOCs 8260 (CP51 Analyte List)
- RCRA CHARACTERISTICS

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DW- Drinking Water
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

(LAB USE ONLY)

Turnaround Time (Business Days)

Standard Service
- ☐ Standard - 5 day
- ☐ Standard - 4 day
- ☒ Standard - 3 day

Rush Service
- ☐ 48 Hour *RUSH*
- ☐ 24 Hour *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- ☐ Results Only (Level-1)
- ☐ Results plus Misc. QC (Level-2)
- ☐ Results plus ALL QC (Level-3)
- ☐ PA QC Package
- ☐ NJ QC Package (Level3NJ)
- ☐ CLP Category A (Level-2)
- ☐ CLP Category B (Level-4)
- ☐ ASP QC Package (Level-4)
- ☐ Other
- ☐ EDD Format

(EDD Formats: Excel, pdf, EQUIS, GIS, GISKey, SPDES, Ascii, TAGM, OENJ)

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NY Part 375 parameters and dectection limits. **Package B (proprietary)-Same as Package A, plus TCLP Metals & Category II EPH. ***Package C (proprietary)- Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		5/1/17 16:35	1	2	5/1/17 18:00	2
3		5/1/17 23:50	3	4		4
5			5			

COOLER INFORMATION

Cooler Temp: _____ pH: _____ ☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013