REMEDIAL INVESTIGATION REPORT

December 9, 2014

Submitted for:
1544 Boone Avenue
Bronx, NY 10460
Block 3014, Lot 9
OER Project Number# 14HAN575X
Crotona Park East / West Farms Rezoning

Submitted to:
New York City Office of Environmental Remediation
100 Gold Street, 2nd Floor
New York, NY 10038

Prepared for:
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IE Project Number:
7191-01-04-4001

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Kevin Kleaka, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 1544 Boone Avenue, Bronx NY. (OER Project Number# 14HAN575X). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 1544 Boone Avenue in the Crotona Park East / West Farms section in Bronx, New York and is identified as Block 3014 and Lots 9, 45 and a portion of Lot 15 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 42,400-square feet and is bounded by a vacant industrial and manufacturing building to the north (1560 Boone Avenue), 172nd Street and an active construction site (1512 Boone Avenue) to the south, West Farms Road and Sheridan Expressway (I-895) to the east, and industrial and manufacturing buildings (1549 and 1529 Boone Avenue) to the west. A map of the site boundary is shown in **Figure 2**. Currently, the Site is undeveloped and used for parking and temporary office trailers. The surface area of the Site consists of asphalt parking areas, concrete walkways, rock outcrops, exposed soils and debris.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of mixed use residential and commercial retail, which is consistent with the existing zoning for the property. The current zoning designation is R8X R7A with a C2-4 commercial overlay. A 14-story 300,000 gross square foot mixed use residential/commercial retail building with 288 residential units will be constructed. Sub-grade construction is not proposed for this development, the foundation structure will be slab-on-grade construction. The ground floor level will include 5,866 square feet of commercial retail space, recreational rooms, tenant storage, management offices, utilities, laundry rooms and residential apartments. The footprint of the proposed 14-story bulding will be 42,400 square feet, fully encompassing the Site. An open space landscaped courtyard including a children's playground is proposed within the center of the Site. As part of development, the referenced lots are expected to be merged into tentative lot 9, including an easement of a portion of Lot 15. Excavation of soil/fill during the proposed development is expected to be minimal and mainly required for the construction of the slab-on-grade footings, pile caps and grading operations. The water table is

expected at depths greater than 13 feet below grade surface (bgs); therefore excavation is expected above the groundwater table. Demolition and removal of surfaces, sub-grade utilities and drainage structures is proposed prior to redevelopment activities. Layout of the proposed site development is presented in **Appendix A**.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment prepared in 2006 by Impact Environmental revealed through investigation of historic Sanborn maps that the Site has been developed as early as 1896 and has maintained over 10 dwellings, numerous stores, a shed, several private automobile garages, a cemetery, a machine shop and office, an auto repair shop (circa 1951), another machine shop, a vacant building, several offices, the Plymouth Rock Provision Factory (circa 1951), a warehouse, and a garage that had a buried gasoline tank (circa 1977).

The AOCs identified for this site include:

1. Historic industrial use of the Site.
2. Open NYSDEC Spill #14-03152 associated with previous gasoline underground storage tanks.
3. Presence of urban fill ranging from 0 to at least 4 feet below grade, which was primarily comprised of concrete, brick, stone and gravel in a brown sand matrix.

Summary of the Work Performed under the Remedial Investigation

Impact Environmental Closures, Inc. (Impact Environmental) on behalf of Allied West Farms (NY) II, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 11 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;

4. Installed 8 soil vapor probes around Site perimeter and collected 8 samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 29 to 32 feet.

2. Depth to groundwater ranges from 8.17 to 8.95 feet at the Site.

3. Groundwater flow is generally from west to east beneath the Site.

4. Depth to bedrock is ranges throughout the Site. Bedrock is expected to be within 4 feet below grade in the eastern portion of the side and deeper towards the western portion. There is an approximate 6 foot high rock outcrop in the south east portion of the Site.

5. The stratigraphy of the site, from the surface down, consists of urban fill, which was primarily comprised of concrete, brick, stone and gravel in a brown fine to medium coarse sand matrix. Urban fill was encountered at a depth interval of 0-2 feet bgs throughout the majority of the site and at the deeper 0-4 feet bgs interval in areas associated with historic building locations. Brown fine to medium coarse sand was mostly encountered within the 0-4 feet bgs interval throughout the Site and at shallower depths in areas where bedrock was encountered (borings SB-3 and SB-9).

6. Laboratory analysis of soil/fill samples collected during the RI showed that BTEX, other petroleum associated volatile organic compounds, PCE, TCE, TCA, vinyl chloride, carbon tetrachloride and other chlorinated VOCs were not detected. One SVOC polycyclic aromatic hydrocarbons (PAHs) (indeno(1,2,3-cd)pyrene) was detected above Track 2 SCOs in one shallow soil sample collected at SB-5 at concentration of 520 ug/kg. Several PAHs and other SVOCs were detected at trace concentrations below Track 1 in five shallow and three deep soil samples. Two pesticides (4,4-DDD and 4,4-DDT) were detected above Track 1 SCOs in one deep soil sample, SB-2, at maximum concentrations of 3.67 ug/kg and 30.2 ug/kg. Other pesticides were detected at trace levels below Track 1 SCOs in three shallow and two deep soil samples. Polychlorinated biphenyls (PCBs) were detected at trace levels below Track 1 SCOs in two shallow soil samples. Five metals (trivalent chromium, copper, lead, mercury and zinc) were detected above Track 1 SCOs in two shallow soil samples and two deep samples. Lead was detected above Track 2 SCOs in one shallow soil sample in SB-4 at a concentration of 600 mg/kg. Overall, soil

results are consistent with urban fill material at sites throughout. Due to the relatively shallow soil investigation depth of this RI; maximum development excavation depth is 4 feet throughout the Site, further investigation will be required to determine the vertical and horizontal extents of contaminants related to the open petroleum spill in the northwestern portion of the Site.

7. Laboratory analysis of groundwater samples collected during the RI showed that pesticides or PCBs were not detected in the groundwater samples. PCE and TCE were detected at trace concentrations below the AWQS in one groundwater sample. TCA, carbon tetrachloride, vinyl chloride or other chlorinated VOCs were not detected in groundwater samples. Two SVOCs were detected at trace concentrations below the AWQS in one groundwater sample. Eight petroleum related VOCs (1,2,4-Trimethylbenzene [6,800 ug/L], 1,3,5-Trimethylbenzene [2,000 ug/L], Ethylbenzene [4,000 ug/L], Naphthalene [740 ug/L], n-Butylbenzene [180 ug/L], n-Propylbenzene [760 ug/L], o-Xylene [2,000 ug/L], and p,m Xylene [16,000 ug/L]) were detected above the AWQS in monitoring wells MW-4. Other VOCs were detected at trace levels below the AWQS in MW-1 and MW-2. Eleven dissolved metals were detected in the groundwater samples at trace levels below AWQS. Separate phase product was not detected in any of the monitoring wells. Due to the petroleum related VOC exceedances detected in groundwater samples collected from monitoring well MW-4 which is located in the vicinity of the previous gasoline USTs and the open petroleum spill, further investigation will be required to determine the extents of contaminants related to the open petroleum spill in the northwestern portion of the Site.

8. Laboratory analysis of soil vapor samples collected during the RI showed that several VOCs were detected in all eight samples at concentrations ranging from 0.516 ug/m3 (chloromethane) to 1,240,000 ug/m3 (heptane). PCE and TCE were detected above NYSDOH Table 3.1 levels at maximum concentrations of 54.5 ug/m3 and 15.4 ug/m3, respectively in SV-4 and SV-5. TCA, vinyl chloride, carbon tetrachloride and other chlorinated VOCs were not detected or detected at concentrations below 60 ug/m3. The highest VOC concentrations were found in SV-6, SV-7 and SV-8 (1,2,4-Trimethylbenzene [max. of 138,000 ug/m3], 1,3,5-Trimethylbenzene [max. of 58,500 ug/m3], 2,2,4-Trimethylpentane [max. of 310,000 ug/m3], 4-Ethyltoluene [max. of

47,500 ug/m3], Benzene [max. of 7,800 ug/m3], Cyclohexane [max. of 191,000 ug/m3], Ethylbenzene [max. of 205,000 ug/m3], Heptane [max. of 1,240,000 ug/m3], n-Hexane [max. of 712,000 ug/m3], Total Xylenes [max. of 344,500 ug/m3], Toluene [max. of 2,470 ug/m3], Toluene [max. of 2,470 ug/m3],). Soil vapor probes SV-6, SV-7 and SV-8 were located with the footprint of the former building and gasoline USTs in the northwest portion of the Site. The elevated VOC concentrations are most likely related to the historic use of this portion of the Site and the open petroleum spill. Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site, however further investigation related to the open petroleum spill should be conducted.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Allied West Farms (NY) II, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.91-acre site located at 1544 Boone Avenue in the Crotona Park East / West Farms section of Bronx, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between September 29, 2014 and October 21, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 1544 Boone Avenue in the Crotona Park East / West Farms section in Bronx, New York and is identified as Block 3014 and Lots 9, 45 and a portion of Lot 15 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 42,400-square feet and is bounded by a vacant industrial and manufacturing building to the north (1560 Boone Avenue), 172nd Street and an active construction site (1512 Boone Avenue) to the south, West Farms Road and Sheridan Expressway (I-895) to the east, and industrial and manufacturing buildings (1549 and 1529 Boone Avenue) to the west. A map of the site boundary is shown in **Figure 2**. Currently, the Site is undeveloped and used for parking and temporary office trailers. The surface area of the Site consists of asphalt parking areas, concrete walkways, rock outcrops, exposed soils and debris.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of mixed use residential and commercial retail, which is consistent with the existing zoning for the property. The current zoning designation is R8X R7A with a C2-4 commercial overlay. A 14-story 300,000 gross square foot mixed use residential/commercial retail building with 288 residential units will be constructed. Sub-grade construction is not proposed for this development, the foundation structure will be slab-on-grade construction. The ground floor level will include 5,866 square feet of commercial retail space, recreational rooms, tenant storage, management offices, utilities, laundry rooms and residential apartments. The footprint of the proposed 14-story bulding will be 42,400 square feet, fully

encompassing the Site. An open space landscaped courtyard including a children's playground is proposed within the center of the Site. As part of development, the referenced lots are expected to be merged into tentative lot 9, including an easement of a portion of Lot 15. Excavation of soil/fill during the proposed development is expected to be minimal and mainly required for the construction of the slab-on-grade footings, pile caps and grading operations. The water table is expected at depths greater than 13 feet below grade surface (bgs); therefore excavation is expected above the groundwater table. Demolition and removal of surfaces, sub-grade utilities and drainage structures is proposed prior to redevelopment activities. Layout of the proposed site development is presented in **Appendix A**.

1.3 Description of Surrounding Property

The site is located in the Crotona Park East neighborhood of the South Bronx. Crotona Park East is bound from the Cross Bronx Expressway to the north, Bronx River to the east, East 167th Street to the south and Crotona-Prospect Avenue to the west. Historically, Crotona Park East consisted of tenement buildings, multi-unit homes, vacant lots, and public housing units. The Crotona Park East / West Farms Rezoning Resolution was issued in 2011 to encourage the transformation and revitalization of the derelict and underutilized area through redevelopment of residential and commercial retail properties. A description of each of the adjoining properties is described in the table below.

Direction	Property Description
North Adjacent Property	Block 3014 Lot 15 (1560 Boone Avenue) – A 65,000-SF lot that fronts Boone Avenue. The lot is currently developed with a vacant commercial/industrial warehouse building. The lot is currently zoned R8-X, R7-A with a C2-4 commercial overlay.
South Opposite E. 172nd Street	Block 3013 Lot 29 (1512 Boone Avenue) – A 37,833-SF lot that fronts Boone Avenue, West Farms Road and E. 172nd Street. The lot is currently an active construction site being developed into a nine story and a fifteen story mixed use residential and commercial retail buildings. The lot is currently zoned R8-X, R7-A with a C2-4 commercial overlay.

East Opposite Side of West Farms Road	Interstate 895 (Sheridan Expressway) – A six lane highway merging from Interstate 278 (Bruckner Expressway) from the south and runs northward, paralleling the Bronx River and the Amtrak-owned Northeast Corridor railroad tracks and ends at an interchange with Interstate 95 (Cross Bronx Expressway).
West Opposite Side of Boone Avenue	Block 3009 Lot 44 (1015 East 172nd Street) – A 12,500-SF lot developed with a one story warehouse building utilized as an auto repair shop and produce distribution center. The lot is currently zoned R6A. Block 3009 Lot 38 (1529 Boone Avenue) – A 13,750-SF lot developed with a one story warehouse building. The lot is currently zoned R6A.

There are no schools located with a 250-ft radius of the Site. Two schools are located within a 500-ft radius of the Site; Fannie Lou Hamer Freedom High School located at 1021 Jennings Street and PS-066 located at 1001 Jennings Street. There are no hospitals or daycare centers located within a 500-ft radius of the Site. **Figure 3** shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment prepared in 2006 by Impact Environmental revealed through investigation of historic Sanborn maps that the Site has been developed as early as 1896 and has maintained over 10 dwellings, numerous stores, a shed, several private automobile garages, a cemetery, a machine shop and office, an auto repair shop (circa 1951), another machine shop, a vacant building, several offices, the Plymouth Rock Provision Factory (circa 1951), a warehouse, and a garage that had a buried gasoline tank (circa 1977). A summary of the investigated Sanborn maps is described in the table below.

Date	Description	Sources
1896	The Site appears to maintain approximately eight structures and a cemetery.	Sanborn Map
1901	The Site maintains a store, stable and approximately nine other structures.	Sanborn Map
1915	The Site appears to maintain 12 dwellings, 2 stores, a co-op and a contractor building.	Sanborn Map
1951	The Site appears to maintain 6 dwellings, 1 store, 1 shed, 5 private automobile garages, 2 machine shops and office, an auto repair shop, a vacant building, 2 offices, and the Plymouth Provision Factory.	Sanborn Map
1977	The Site appears to maintain parking and a garage that has a capacity of 50 cars which also has a 550 gallon buried gasoline tank.	Sanborn Map
1989	The Site appears to maintain a parking lot and a warehouse.	Sanborn Map

2.2 Previous Investigations

2.2.1 Phase I Environmental Site Assessment (2006)

A Phase I ESA was completed by Impact Environmental on June 12, 2006. During the Site inspection, fill/vent pipes (nine or more) were observed next to the foundation of the previous warehouse. The Phase I ESA identified recognized environmental conditions (RECs):

- The former land uses, buried tanks, and poor housekeeping practices observed on the Site have created the potential for organic and inorganic contaminants to have impacted the Site.
- Lack of documentation available for review regarding the underground storage tanks.

A limited subsurface investigation was recommended to determine if the environmental quality of the Site had been adversely impacted by former on-site activities.

2.2.2 Phase II ESA Limited Subsurface Investigation (2007)

A Phase II ESA Limited Subsurface Investigation Report, dated August 15, 2007, was prepared by Impact Environmental. A ground penetrating radar (GPR) survey was conducted to identify any underground storage tanks (USTs) still present on the northwest corner of Site, associated with the fill ports observed during Site reconnaissance. The GPR survey identified ten (10) subsurface anomalies within the footprint of the former warehouse building (northwest corner of the Site) that were interpreted to represent USTs. Twenty-two (22) soil borings were installed throughout the Site to depths of 12 to 13 feet below grade surface, five (5) of the soil borings were installed proximal to the USTs identified in the GPR survey. Laboratory analysis of the soil samples detected several volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and heavy metals above regulatory standards. Review of the analytical results concluded that former on-site activities and the operation and abandonment of the gasoline USTs on the Site have impacted the environmental quality of the Site. Specifically, the soil quality in the location of the former warehouse/building in the northwestern portion of the Site (the area surrounding the historic USTs) and the area to the east and southeast of the USTs appeared to be impacted by the gasoline related constituents.

2.2.3 Open NYSDEC Spill #14-03152

Based on the 2007 Phase II Limited Subsurface Investigation determination that the areas east and southeast of the USTs in the northwestern portion of the Site had been impacted by gasoline related constituents, NYSDEC was notified of a petroleum spill. The spill was assigned #14-03152 by NYSDEC.

2.3 Site Inspection

Mr. Benjamin Hernandez Salazar of Impact Environmental performed a Site Inspection on September 8, 2014. The reconnaissance included a visual inspection of the Site, the adjacent sidewalks along West Farms Road, East 172nd Street and Boone Avenue and the exterior of adjacent properties. At the time of inspection, the Site was an undeveloped lot covered in asphalt and concrete surfaces with rock outcrops along the eastern boundary. Four temporary office trailers associated with the current construction at 1512 Boone Avenue were located on the southern portion of the Site. Other portions of the Site were utilized for the storage of construction materials. The northeast corner of the Site was fenced off and contained vegetative overgrowth and miscellaneous debris and garbage. Evidence of the remote fill port associated with the former underground storage tanks was observed in the sidewalk along Boone Avenue.

2.4 Areas of Concern

The AOCs identified for this site include:

4. Historic industrial use of the Site.
5. Open NYSDEC Spill #14-03152 associated with previous gasoline underground storage tanks.
6. Presence of urban fill ranging from 0 to at least 4 feet below grade, which was primarily comprised of concrete, brick, stone and gravel in a brown sand matrix.

Phase 1 Report is presented in **Appendix B**. A map showing areas of concern is presented in **Figure 4** and **8**.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kevin Kleaka.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Impact Environmental Closures, Inc. (Impact Environmental) on behalf of Allied West Farms (NY) II, LLC performed the following scope of work:

5. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
6. Installed 11 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
7. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
8. Installed 8 soil vapor probes around Site perimeter and collected 8 samples for chemical analysis.

4.1 Geophysical Investigation

On October 29, 2014 a ground penetrating radar (GPR) survey was performed over the planimetric surface of the Site utilizing a GSSI model SIR-2 ground penetrating radar system equipped with a 400MHz antenna. The survey was performed to determine the location of any underground storage tanks (USTs) still present on the Site. GPR survey findings are depicted in **Figure 8**.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of eleven soil borings (SB-1 through SB-11) were installed on September 18, 2014 and September 26, 2014 by Soil Mechanics under the oversight of Impact Environmental in the approximate locations depicted in **Figure 4**. The eleven soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. All eleven soil boring were installed to a depth of 4 feet below existing grade (bgs).

For each of the eleven soil borings, soil samples were collected continuously from grade to their respective final depth below existing grade using a two-foot steel split spoon sampler and direct push equipment. Soil recovered from each of the soil borings was field screened for the presence

of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling a zip-loc bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was placed within the headspace to measure the organic vapors present. Elevated PID readings and visually stained soil was not encountered in any of the eleven soil borings.

From each soil boring, one soil grab sample was retained representing the interval 0 to 2 feet below grade and one soil grab sample was retained representing the bottom two foot interval of 2 to 4 feet below grade, representing the deepest proposed development excavation depth.

Subsurface soil at the Site consisted of urban fill, which was primarily comprised of concrete, brick, stone and gravel in a brown sand matrix. Urban fill was mostly encountered at 0-2 feet below grade surface (bgs) throughout all borings. Brown medium to fine sand commingled with decomposed rock and rock fragments was encountered at 2 to 4 feet bgs throughout all borings.

Soil borings SB-1, SB-2 and SB-4 were extended to approximately 15 feet bgs and developed into groundwater monitoring wells MW-1, MW-2 and MW-4 respectively. Groundwater was encountered at 8.43 feet bgs at MW-1, 8.95 feet bgs at MW-2 and 8.17 feet bgs at MW-4. Several attempts were made to install monitoring well MW-3 at the location of soil boring SB-3 and the vicinity of SB-3, however bedrock refusal at approximately 8 feet bgs did not allow for successful monitoring well installation.

Boring logs were prepared by a QEP are attached in **Appendix C**. A map showing the location of soil borings and monitor wells is shown in **Figure 4**.

Groundwater Monitoring Well Construction

Three permanent groundwater monitoring wells were installed by inserting 2-inch diameter, 10-foot PVC 0.010 well screen interval and riser into an open borehole. The annulus around the well screen was filled with clean, appropriately sized silica sand and a bentonite plug was installed around the riser at grade and a manhole cover was installed at the surface. Each well was then developed to ensure proper functioning. Monitor well locations are shown in **Figure 4**.

Survey

Soil borings, monitoring wells and soil vapor probes were located to the nearest 0.10 foot with respect to two or more permanent site features using a measuring wheel.

Water Level Measurement

Groundwater level measurements were collected using a Solinst oil/water interface meter. Groundwater depths were measured from the top of PVC riser. Product was not detected in any of the four groundwater monitoring wells. Water level data is included in **Table 4**.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Eleven soil borings (SB-1 through SB-11) were installed and twenty soil samples were collected for chemical analysis during this RI. One shallow (0-2 ft bgs) and one deep (2-4 ft bgs), representing the deepest proposed excavation depth. Soil samples were collected utilizing a 2-foot long steel split spoon sampler. Each piece of sampling or other down hole equipment was decontaminated by wiping clean, washing with Alconox solution, rinsing with tap water and air

drying prior to each use in order to ensure that cross-contamination between sampling locations did not occur. Decontamination procedures were performed in an area segregated from any sampling areas. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 1**. **Figure 4** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Each of the twenty soil samples were collected in pre-cleaned, laboratory supplied glassware, appropriately labeled, stored in a cooler with ice and submitted for analysis under proper chain of custody procedures to Alpha Analytical Laboratories (Alpha) of Westborough, MA, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11148). Soil samples were analyzed for the presence of VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals by EPA Method 6010.

Groundwater Sampling

One groundwater sample was collected from each of the three monitoring wells (MW-1, MW-3, MW-4) during this RI. Each monitoring well was purged of 3 to 5 well volumes of groundwater. The water was allowed to recharge to the original level and a groundwater sample was then collected from each of the selected existing wells utilizing dedicated polyethylene tubing and a low-flow peristaltic pump for SVOCs, pesticides/PCBs and TAL metals samples and dedicated bailers for VOCs samples. Groundwater sample collection data is reported in **Table 2**. Sampling logs with information on purging and sampling of groundwater monitor wells is included in **Table 4**. **Figure 4** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Each groundwater sample was placed into the following laboratory supplied glassware: 3 clean HCL preserved 40 milliliter (mL) vials, 2 clean nitric acid preserved 500 mL plastic container, and 6 clean unpreserved 1,000 mL jars. Sample glassware was appropriately labeled, stored in a cooler with ice and submitted for analysis under proper chain of custody procedures to Alpha Analytical Laboratories for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and total TAL metals (filtered and unfiltered).

Soil Vapor Sampling

Eight soil vapor probes (SV-1 through SV-8) were installed and eight soil vapor samples were collected for chemical analysis during this RI. The soil vapor probes were installed at a depth of 5 feet below grade. The soil vapor probes were installed utilizing similar technology as the soil probes in accordance with the NYSDOH Guidance of Evaluating Soil Vapor Intrusion, dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen and was fitted with dedicated ¼ inch diameter polyethylene tubing. The soil vapor probe was installed in the subsurface soil. Washed #1 crushed stone was poured into each hole to fully encompass the screen implant, and each hole was sealed with bentonite and dry-lock non-VOC quick set cement Soil vapor sampling locations are shown in **Figure 4**.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe) of air was purged from the implant using a vacuum pump. After purging, a laboratory supplied pre-cleaned 2.7-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the eight soil vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a field log. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field log and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx. 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister, on a sample log sheet and the laboratory chain of custody. Samples were submitted to Alpha Analytical for laboratory analysis of VOCs EPA Method TO-15. Soil vapor sample collection data is reported in **Table 3**. Soil vapor sampling logs are included in **Appendix D**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Tom Tanico
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were Alpha Analytical Laboratory (ELAP Certification No. 11148)
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Table 1**, **Table 2**, **Table 3** respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix E**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

According to the surficial geologic map of New York, lower Hudson sheet (Caldwell, 1989), this area of New York is underlain by Pleistocene-glacial till, dominantly consisting of fine to coarse grain sand with interstitial lenses of gravel and silt, which are remnants of glacial deposition and exposed bedrock, usually within 1 meter of grade surface. According to the United States Department of Agriculture soil survey classification and nomenclature system, this soil would likely be referred to as urban land, because the original composition and structure of the soil has been significantly altered by urbanization and development activities.

Stratigraphy

Subsurface soil at the Site consisted of urban fill, which was primarily comprised of concrete, brick, stone and gravel in a brown fine to medium coarse sand matrix. Urban fill was encountered at a depth interval of 0-2 feet bgs throughout the majority of the site and at the deeper 0-4 feet bgs interval in areas associated with historic building locations. Brown fine to medium coarse sand was mostly encountered within the 0-4 feet bgs interval throughout the Site and at shallower depths in areas where bedrock was encountered (borings SB-3 and SB-9). A rock outcrop is located along the south east portion of the Site.

Hydrogeology

A table of water level data for all monitor wells is included in **Table 4**. The average depth to groundwater is 8.5 feet and the range in depth is 8.17 feet to 8.95 feet. Groundwater is believed to flow from west to east towards the Bronx River.

Ground Penetrating Radar Survey

The ground penetrating radar (GPR) survey conducted at the site on October 29th, 2014 detected two subsurface anomalies with radar profiles indicative of possible underground storage tanks. One anomaly was detected in the northern portion of the Site. Further investigation detected a hard metallic surface approximately 30 inches below grade. This location coincides with the rear portion of the previous building in the northwest section of the Site. The second subsurface anomaly with a tank-like radar profile was detected in the southwest portion of the Site. Further

investigation detected a hard surface approximately 36 inches below grade, however the object appeared to be non-metallic. The findings of the GPR survey are depicted in **Figure 8**.

5.2 Soil Chemistry

Soil sample results were compared to NYSDEC Unrestricted Use (Track 1) and Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs) as presented in NYSDEC Part 375-6 and CP51. BTEX and other petroleum associated volatile organic compounds were not detected in soil samples collected during this RI. PCE, TCE, TCA, vinyl chloride, carbon tetrachloride and other chlorinated VOCs were not detected in soil samples collected during this RI. Acetone, a common laboratory contaminant was detected above Track 1 in four soil samples.

One SVOC polycyclic aromatic hydrocarbons (PAHs) (indeno(1,2,3-cd)pyrene) was detected above Track 2 SCOs in one shallow soil sample collected at SB-5 at concentration of 520 ug/kg. Several PAHs and other SVOCs were detected at trace concentrations below Track 1 in five shallow and three deep soil samples.

Two pesticides (4,4-DDD and 4,4-DDT) were detected above Track 1 SCOs in one deep soil sample, SB-2, at maximum concentrations of 3.67 ug/kg and 30.2 ug/kg. Other pesticides were detected at trace levels below Track 1 SCOs in three shallow and two deep soil samples. Polychlorinated biphenyls (PCBs) were detected at trace levels below Track 1 SCOs in two shallow soil samples.

Five metals (trivalent chromium, copper, lead, mercury and zinc) were detected above Track 1 SCOs in two shallow soil samples and two deep samples. Lead was detected above Track 2 SCOs in one shallow soil sample in SB-4 at a concentration of 600 mg/kg.

Overall, soil results are consistent with urban fill material at sites throughout. Due to the relatively shallow soil investigation depth of this RI; maximum development excavation depth is 4 feet throughout the Site, further investigation will be required to determine the vertical and horizontal extents of contaminants related to the open petroleum spill in the northwestern portion of the Site. A summary table of data for chemical analyses performed on soil samples is included in **Table 1**. A copy of the laboratory report is provided in **Appendix E**. **Figure 5** shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater sample results were compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). No pesticides or PCBs were detected in the groundwater samples. PCE and TCE were detected at trace concentrations below the AWQS in one groundwater sample. TCA, carbon tetrachloride, vinyl chloride or other chlorinated VOCs were not detected in groundwater samples collected during this RI. Two SVOCs were detected at trace concentrations below the AWQS in one groundwater sample.

Eight petroleum related VOCs (1,2,4-Trimethylbenzene [6,800 ug/L], 1,3,5-Trimethylbenzene [2,000 ug/L], Ethylbenzene [4,000 ug/L], Naphthalene [740 ug/L], n-Butylbenzene [180 ug/L], n-Propylbenzene [760 ug/L], o-Xylene [2,000 ug/L], and p,m Xylene [16,000 ug/L]) were detected above the AWQS in monitoring wells MW-4. Other VOCs were detected at trace levels below the AWQS in MW-1 and MW-2.

Eleven dissolved metals were detected in the groundwater samples at trace levels below AWQS. Separate phase product was not detected in any of the monitoring wells.

Due to the petroleum related VOC exceedances detected in groundwater samples collected from monitoring well MW-4 which is located in the vicinity of the previous gasoline USTs and the open petroleum spill, further investigation will be required to determine the extents of contaminants related to the open petroleum spill in the northwestern portion of the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Table 2**. A copy of the laboratory report is provided in **Appendix E**. **Figure 5** shows the location and posts the values for groundwater that exceed the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS).

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Laboratory analysis of soil vapor samples indicated several VOCs were detected in all eight samples at concentrations ranging from 0.516 ug/m3 (chloromethane) to 1,240,000 ug/m3 (heptane).

PCE and TCE were detected above NYSDOH Table 3.1 levels at maximum concentrations of 54.5 ug/m3 and 15.4 ug/m3, respectively in SV-4 and SV-5. TCA, vinyl chloride, carbon tetrachloride and other chlorinated VOCs were not detected or detected at concentrations below 60 ug/m3.

The highest VOC concentrations were found in SV-6, SV-7 and SV-8 (1,2,4-Trimethylbenzene [max. of 138,000 ug/m3], 1,3,5-Trimethylbenzene [max. of 58,500 ug/m3], 2,2,4-Trimethylpentane [max. of 310,000 ug/m3], 4-Ethyltoluene [max. of 47,500 ug/m3], Benzene [max. of 7,800 ug/m3], Cyclohexane [max. of 191,000 ug/m3], Ethylbenzene [max. of 205,000 ug/m3], Heptane [max. of 1,240,000 ug/m3], n-Hexane [max. of 712,000 ug/m3], Total Xylenes [max. of 344,500 ug/m3], Toluene [max. of 2,470 ug/m3], Toluene [max. of 2,470 ug/m3],). Soil vapor probes SV-6, SV-7 and SV-8 were located with the footprint of the former building and gasoline USTs in the northwest portion of the Site. The elevated VOC concentrations are most likely related to the historic use of this portion of the Site and the open petroleum spill.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site, however further investigation related to the open petroleum spill should be conducted. A summary table of data for chemical analyses performed on soil vapor samples is included in **Table 3**. **Figure 7** shows the location and posts the values for soil vapor samples with detected concentrations.

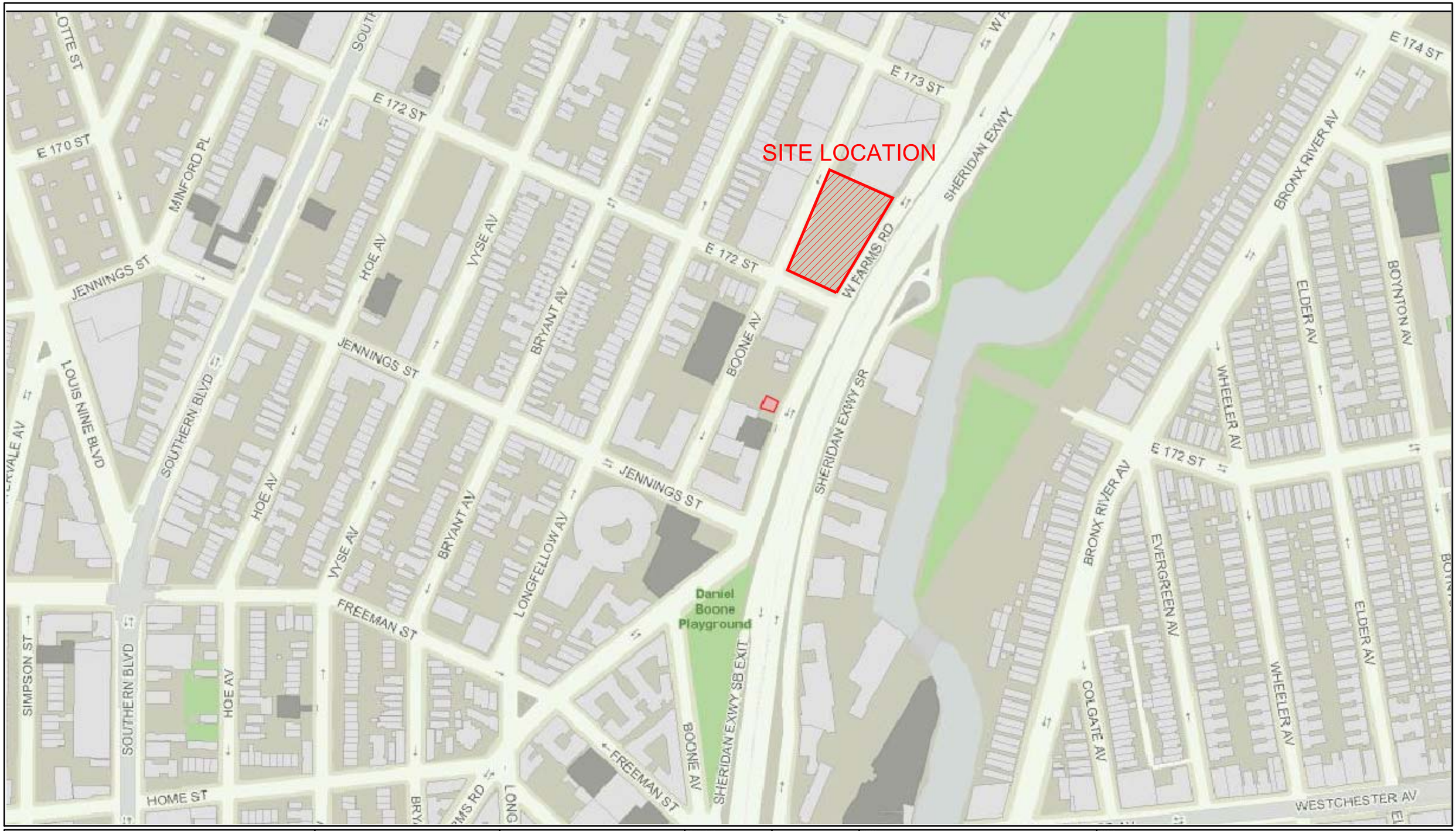
5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

FIGURES



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TITLE:

FIGURE 1

Site Location Map

SITE:

1544 Boone Avenue
Bronx, New York

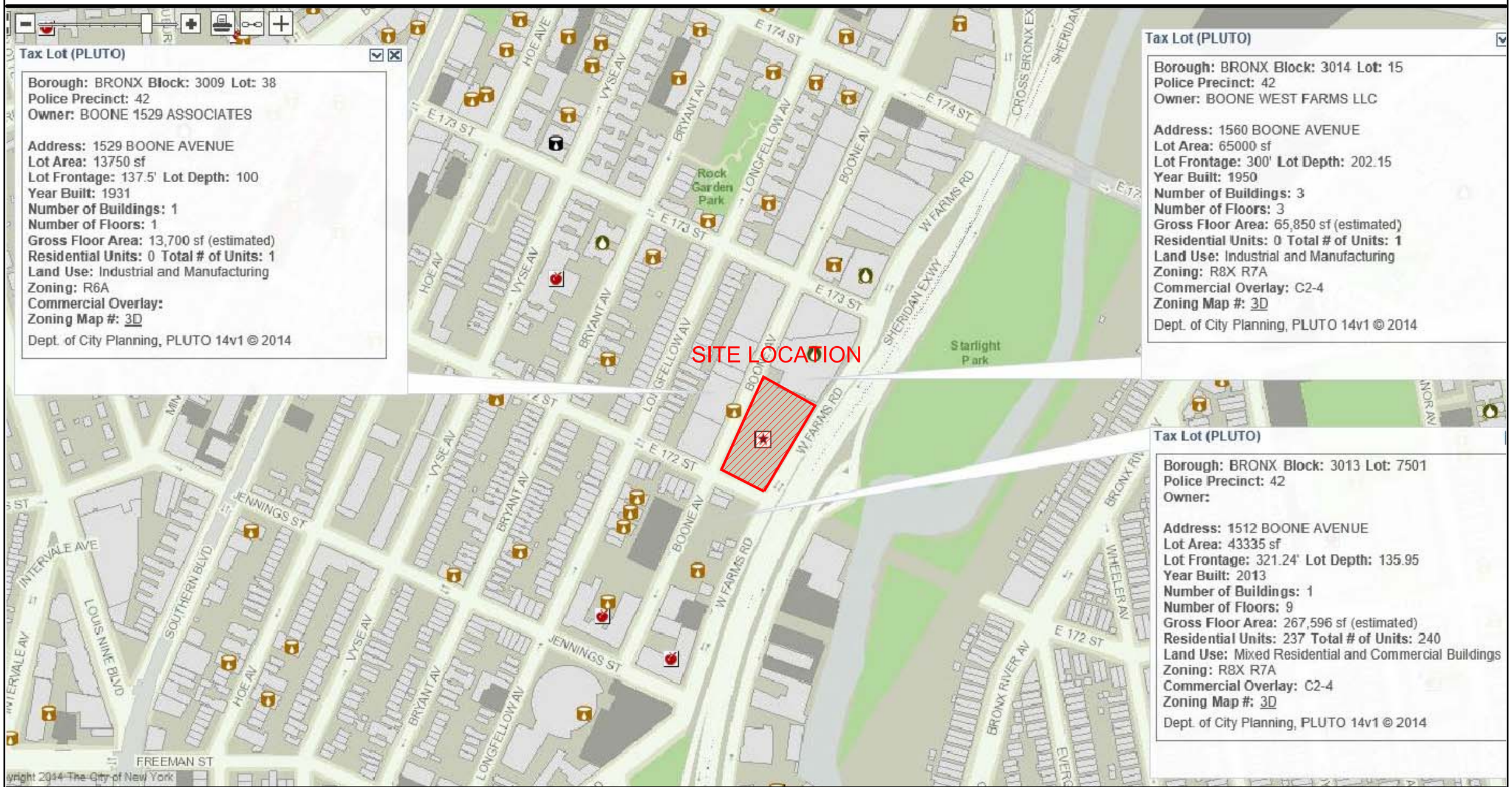
DRAWING NO: Figure 1

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	11/10/2014
SCALE:	1" = 15'

REVISIONS NO:	DATE:

NOTES:

LEGEND:



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TITLE:

FIGURE 2

Site Boundary Map

SITE:

1544 Boone Avenue
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DRAWING NO: Figure 2

PROJECT NO.	7191-01-04-4001
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SCALE:	1" = 15'

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NOTES:

LEGEND:

Streets
Subway Routes
New York State Parks & Public Land
Playgrounds
NYCHA Properties
Multi-family Residential
Institutions
Vacant Lots
Natural Areas

Bridges / Overpasses
NYC Parks (Dept. of Parks & Rec.)
Open Space (Dept. of City Planning)
Green Spaces Along Streets
Schools
Mixed Use
Transportation & Parking
Proposed Rezoning Area

Subway Stations
Community Gardens
Cemeteries
1 & 2 Family Residential
Commercial
Industrial

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FIGURE 3
Surrounding Land Usage Map

SITE:

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SCALE:	1" = 15'

REVISIONS	
NO:	DATE:

NOTES:

LEGEND:

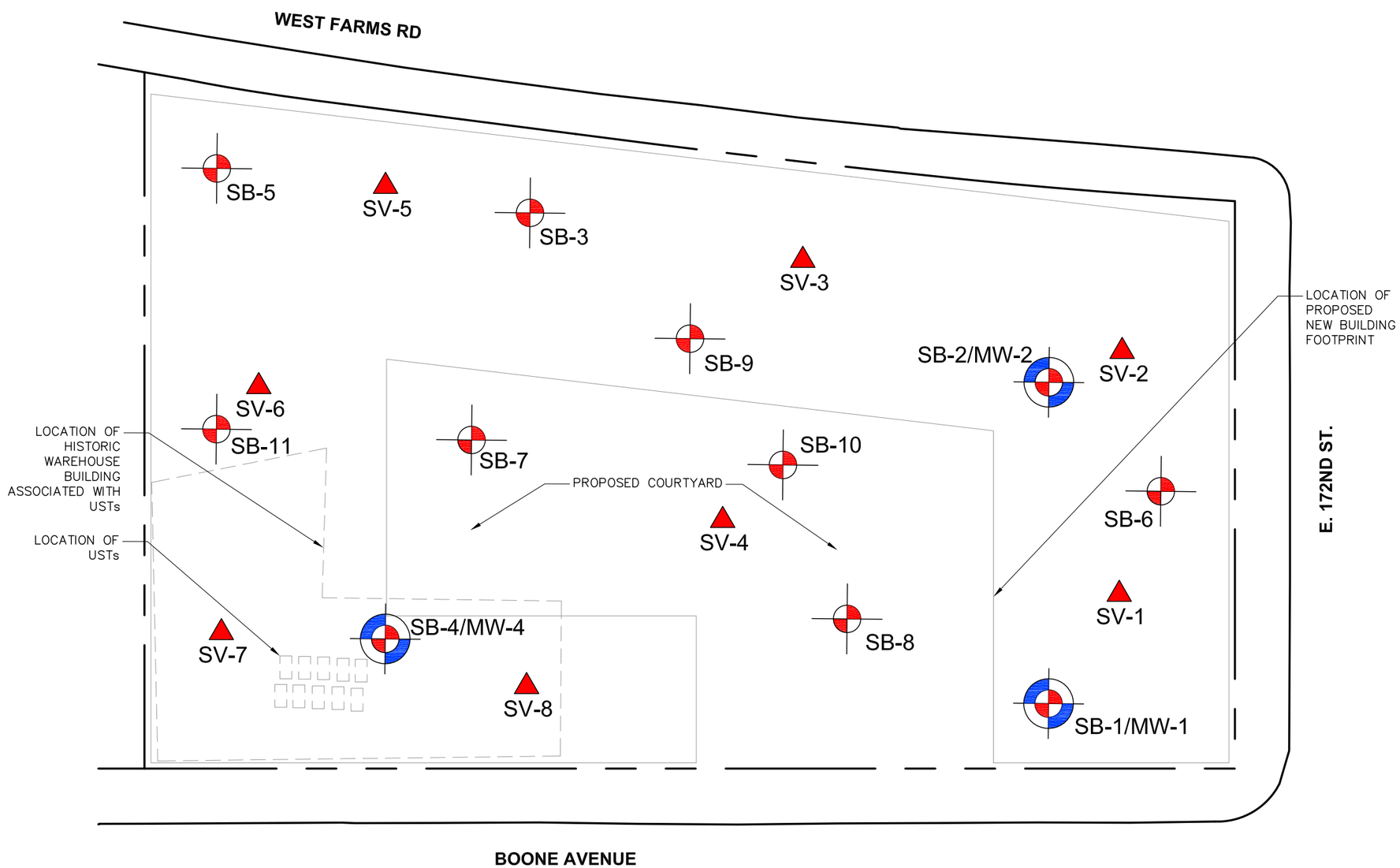

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FIGURE 4

Soil Boring, Monitoring Well and Soil Vapor Point Location Plan

SITE:

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DRAWING NO: Figure 4

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
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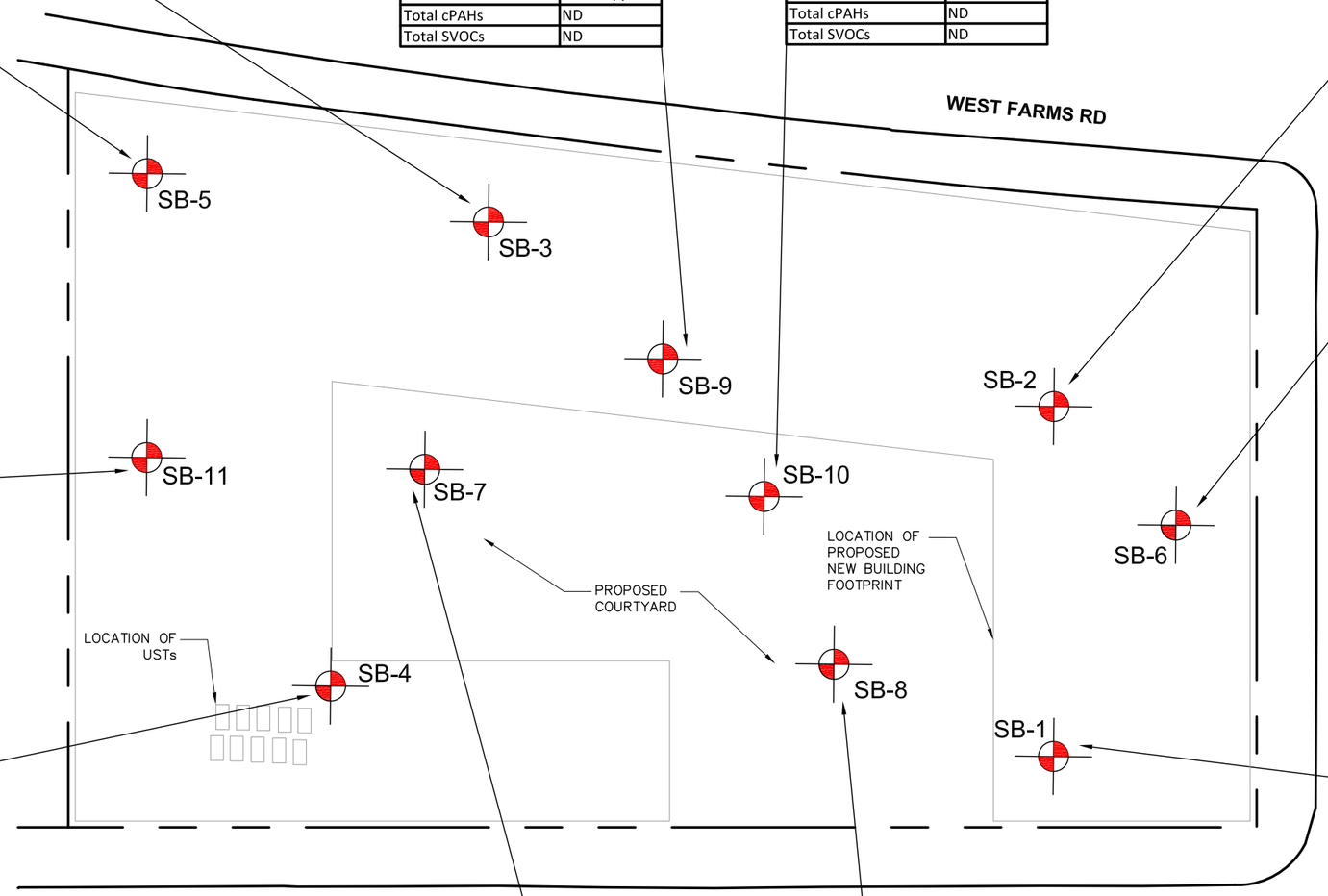
SCALE:	1" = 30'

REVISIONS NO:	DATE:

NOTES:

LEGEND:

- Soil boring developed into groundwater monitoring well
- Soil vapor implant
- Soil boring location



SB-3 (0'-2')	
Acetone	**0.086 ppm**
Total BTEX	ND
Total VOCs	0.086 ppm
Total cPAHs	ND
Total SVOCs	0.033 ppm

SB-5 (0'-2')	
Indeno(1,2,3-cd)Pyrene	**0.520 ppm**
Lead	**240 ppm**
Zinc	**240 ppm**
Total BTEX	ND
Total VOCs	ND
Total cPAHs	3.950 ppm
Total SVOCs	9.230 ppm
SB-5 (2'-4')	
Trivalent Chromium	**32 ppm**
Copper	**69 ppm**
Lead	**69 ppm**
Zinc	**230 ppm**
Total BTEX	ND
Total VOCs	0.0048 ppm
Total cPAHs	0.592 ppm
Total SVOCs	1.258 ppm

SB-11 (0'-2')	
Total BTEX	ND
Total VOCs	0.011 ppm
Total cPAHs	0.528 ppm
Total SVOCs	0.968 ppm
SB-11 (2'-4')	
Total BTEX	ND
Total VOCs	0.0084 ppm
Total cPAHs	ND
Total SVOCs	ND

SB-4 (0'-2')	
Acetone	**0.190 ppm**
Copper	**75 ppm**
Lead	**600 ppm**
Mercury	**0.58 ppm**
Zinc	**500 ppm**
Total BTEX	ND
Total VOCs	0.190 ppm
Total cPAHs	1.700 ppm
Total SVOCs	3.222 ppm
SB-4 (2'-4')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	0.080 ppm

SB-9 (0'-2')	
Total BTEX	ND
Total VOCs	0.008 ppm
Total cPAHs	ND
Total SVOCs	ND
SB-9 (2'-4')	
Total BTEX	ND
Total VOCs	0.0082 ppm
Total cPAHs	ND
Total SVOCs	ND

SB-10 (0'-2')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-10 (2'-4')	
Total BTEX	ND
Total VOCs	0.0051 ppm
Total cPAHs	ND
Total SVOCs	ND

SB-2 (2'-4')	
Acetone	**0.073 ppm**
4,4-DDD	**0.00367 ppm**
4,4-DDT	**0.0302 ppm**
Lead	**90.00 ppm**
Total BTEX	ND
Total VOCs	0.0073 ppm
Total cPAHs	2.270 ppm
Total SVOCs	5.724 ppm

SB-6 (0'-2')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-6 (2'-4')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND

SB-1 (0'-2')	
Acetone	**0.078 ppm**
Total BTEX	ND
Total VOCs	0.078 ppm
Total cPAHs	ND
Total SVOCs	ND
SB-1 (2'-4')	
Total BTEX	ND
Total VOCs	0.050 ppm
Total cPAHs	ND
Total SVOCs	ND

SB-7 (0'-2')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-7 (2'-4')	
Total BTEX	ND
Total VOCs	0.0041 ppm
Total cPAHs	ND
Total SVOCs	ND

SB-8 (0'-2')	
Total BTEX	ND
Total VOCs	0.0082 ppm
Total cPAHs	0.340 ppm
Total SVOCs	0.559 ppm
SB-8 (2'-4')	
Total BTEX	ND
Total VOCs	0.0089 ppm
Total cPAHs	ND
Total SVOCs	ND

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FIGURE 5

Soil Chemistry Results Plan

SITE:

1544 Boone Avenue
Bronx, New York

DRAWING NO: Figure 5

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	11/10/2014
SCALE:	NTS

REVISIONS NO:	DATE:

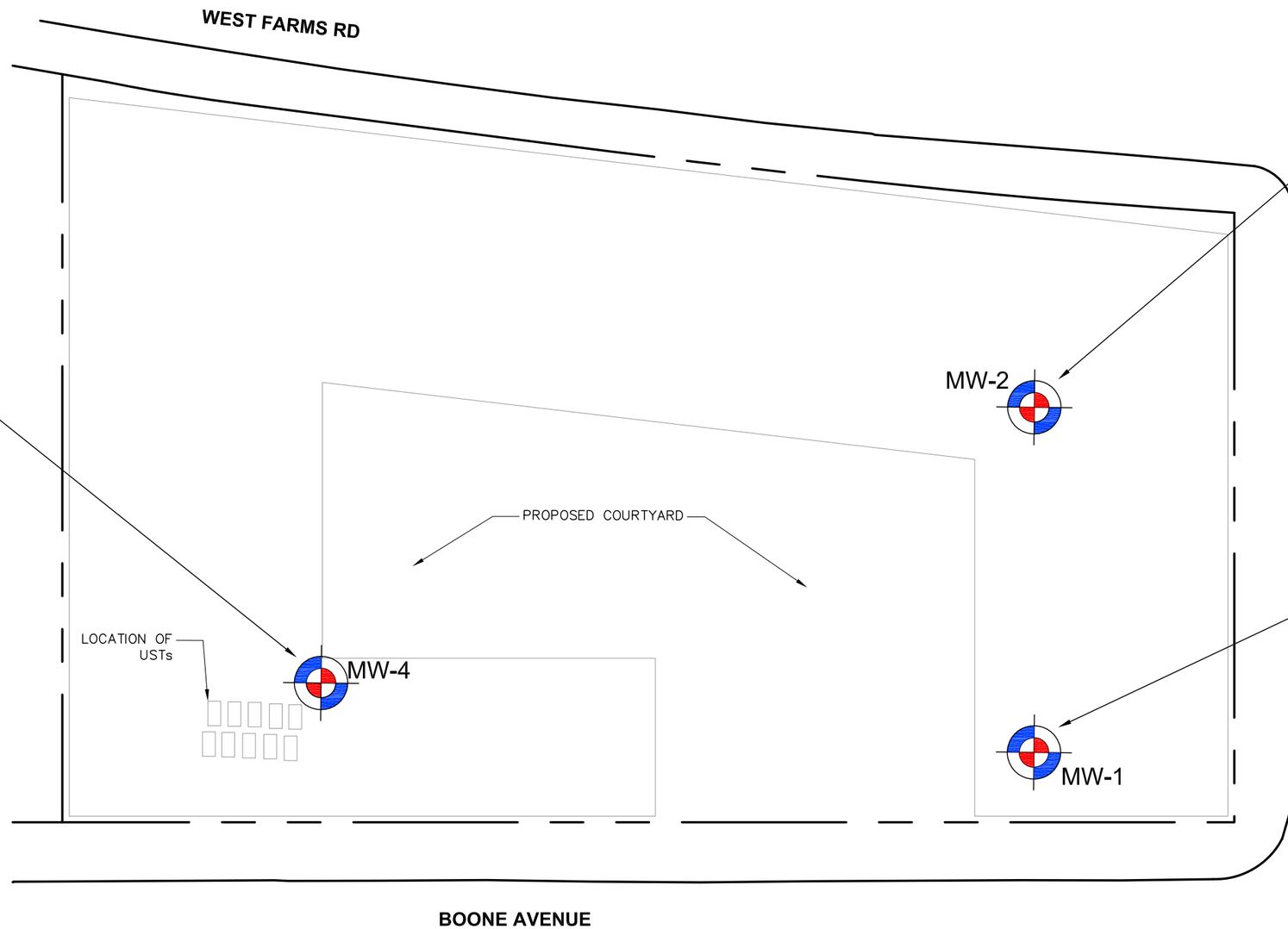
NOTES:
1. SOIL CHEMICAL RESULTS BASED ON LABORATORY REPORTS #L1421851 DATED 9/29/14 AND #L1422737 DATED 10/03/14 BY ALPHA ANALYTICAL.
2. ONLY COMPOUNDS EXCEEDING TRACK 1 OR TRACK 2 SOIL CLEANUP OBJECTIVES ARE SHOWN, FOR ALL DETECTED CONCENTRATIONS REFER TO LAB REPORTS #L1421851 AND #L1422737.
3. SOIL SAMPLES COLLECTED VIA SOIL BORINGS ON 9/18/14 AND 9/26/14.

LEGEND:

SB-*x* — SOIL BORING LOCATION

0.50 ppm — EXCEEDANCE OF TRACK 1 SOIL CLEAN UP OBJECTIVES (SCOs)

EXCEEDANCE OF TRACK 2 SOIL CLEAN UP OBJECTIVES (SCOs)



M W - 2	
Total BTEX	1.47 ppb
Total VOCs	6.22 ppb
Total cPAHs	ND
Total SVOCs	ND

M W - 4	
1,2,4-Trimethylbenzene	6800 ppb
1,3,5-Trimethylbenzene	2000 ppb
Ethylbenzene	4000 ppb
Napthalene	740 ppb
n-Butylbenzene	180 ppb
n-Propylbenzene	760 ppb
o Xylene	2000 ppb
m,p Xylene	16000 ppb
Total BTEX	22000 ppb
Total VOCs	50480 ppb
Total cPAHs	ND
Total SVOCs	6.2 ppb

M W - 1	
Total BTEX	ND
Total VOCs	4.83 ppb
Total cPAHs	ND
Total SVOCs	ND

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TITLE:

FIGURE 6

Groundwater Chemistry Results Plan

SITE:

1544 Boone Avenue
Bronx, New York

DRAWING NO: Figure 6

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	11/10/2014
SCALE:	NTS

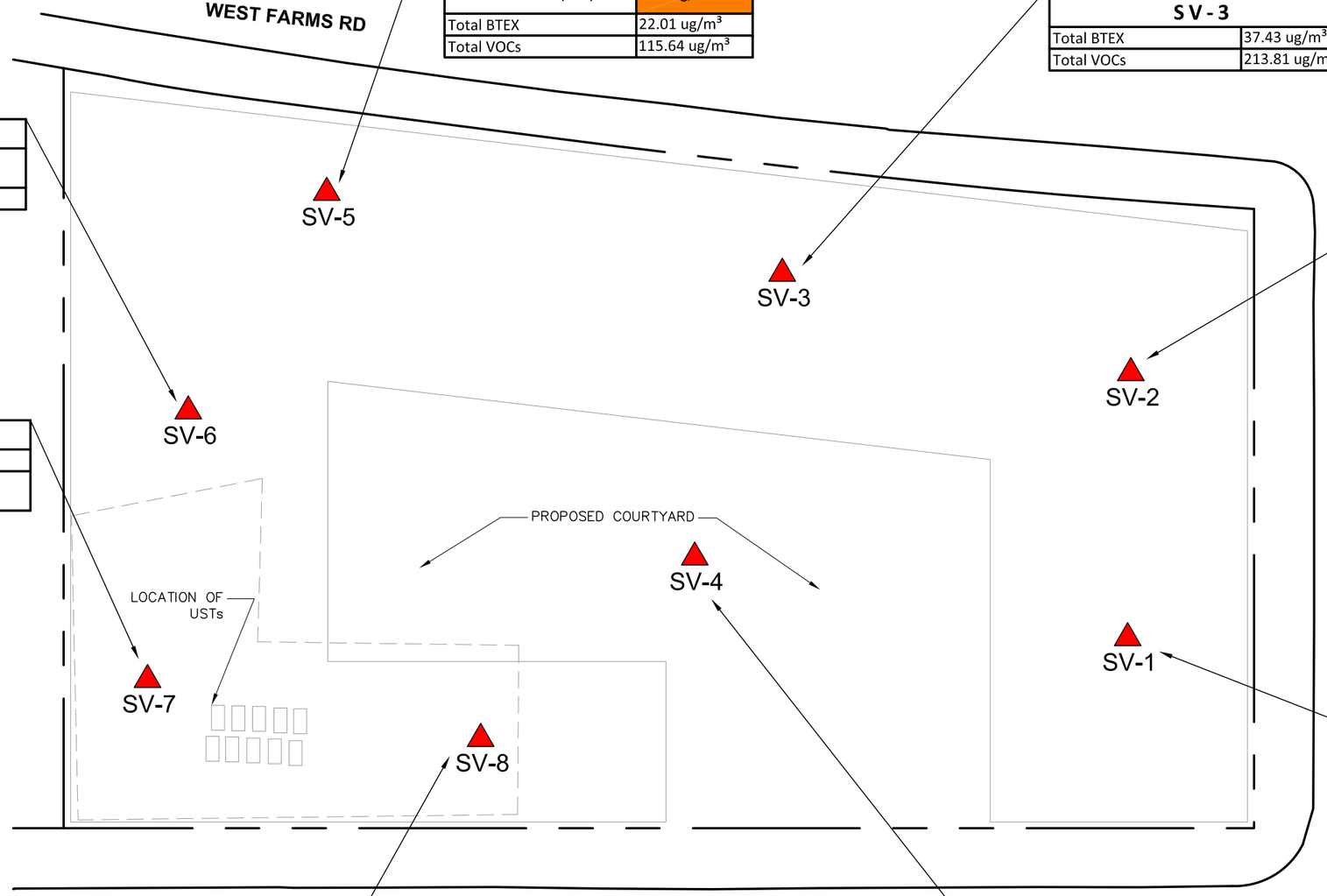
REVISIONS NO:	DATE:

NOTES:
1. GROUNDWATER CHEMICAL RESULTS BASED ON LABORATORY REPORT #L1424301 DATED 10/22/14 BY ALPHA ANALYTICAL.
2. ONLY COMPOUNDS EXCEEDING NYSDEC TOGS 1.1.1 GROUNDWATER QUALITY STANDARDS ARE SHOWN, FOR ALL DETECTED CONCENTRATIONS REFER TO LAB REPORT #L1424301.
3. GROUNDWATER SAMPLES COLLECTED ON 10/13/14.

LEGEND:

SOIL BORING DEVELOPED INTO GROUNDWATER MONITORING WELL

EXCEEDANCE OF NYSDEC TOGS 1.1.1 GROUNDWATER QUALITY STANDARDS



SV-5	
Tetrachloroethene (PCE)	54.5 ug/m³
Trichloroethene (TCE)	15.4 ug/m³
Total BTEX	22.01 ug/m³
Total VOCs	115.64 ug/m³

SV-3	
Total BTEX	37.43 ug/m³
Total VOCs	213.81 ug/m³

SV-6	
Total BTEX	559,770 ug/m³
Total VOCs	3,256,770 ug/m³

SV-2	
Total BTEX	28.28 ug/m³
Total VOCs	183.97 ug/m³

SV-7	
Total BTEX	1,350 ug/m³
Total VOCs	64,609 ug/m³

SV-1	
Total BTEX	73.9 ug/m³
Total VOCs	389.05 ug/m³

SV-8	
Total BTEX	2,036 ug/m³
Total VOCs	53,400 ug/m³

SV-4	
Trichloroethene (TCE)	10.9 ug/m³
Total BTEX	733.6 ug/m³
Total VOCs	2,068.62 ug/m³

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FIGURE 7

Soil Vapor Chemistry Results Plan

SITE:

1544 Boone Avenue
Bronx, New York

DRAWING NO: Figure 7

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	11/10/2014
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:

1. SOIL VAPOR CHEMICAL RESULTS BASED ON LABORATORY REPORT #L1424406 DATED 10/21/14 BY ALPHA ANALYTICAL.
2. ONLY CHLORINATED VOC COMPOUNDS LISTED IN NYSDOH FINAL SOIL VAPOR INTRUSION GUIDANCE (OCT 2006) TABLE 3.1 AND MATRICES 1 & 2 ARE SHOWN, FOR ALL DETECTED CONCENTRATIONS REFER TO LAB REPORT #L1424406.
3. SOIL VAPOR SAMPLES COLLECTED FROM 5-FT BELOW GRADE SURFACE FOR AN INTERVAL OF 2-HRS ON 10/13/14.

LEGEND:

SOIL VAPOR POINT LOCATION

EXCEEDANCE OF NYSDOH FINAL SOIL VAPOR INTRUSION GUIDANCE TABLE 3.1 LIMITS

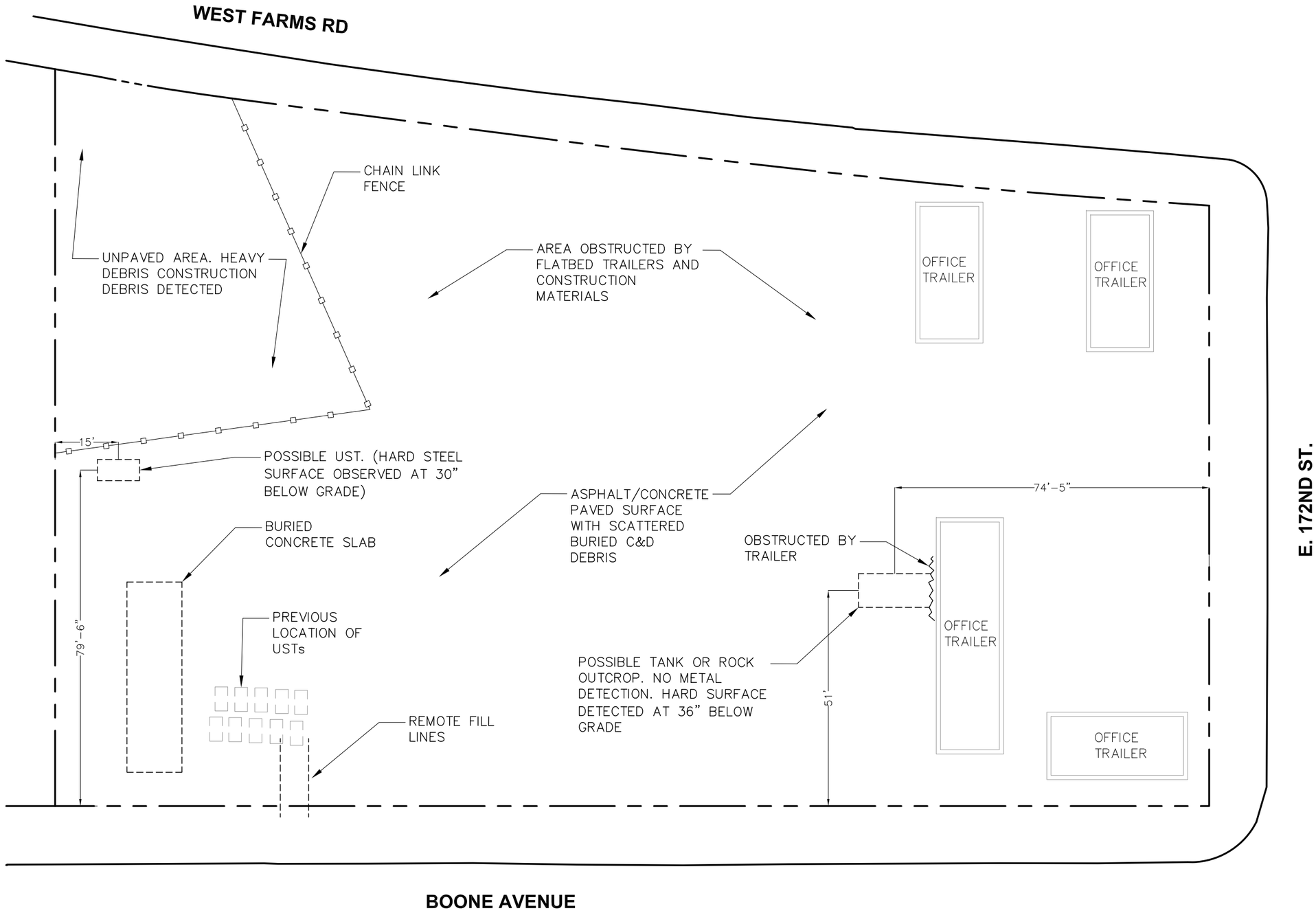

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FIGURE 8

Ground Penetrating Radar Findings Map

SITE:

1544 Boone Avenue
Bronx, New York

DRAWING NO: Figure 8

PROJECT NO.	7191-01-04-4001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	11/10/2014
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:

1. GROUND PENETRATING RADAR SURVEY CONDUCTED ON 10/29/14.

LEGEND:

TABLES

Table 1 - Soil Analysis Summary
1544 Boone Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB1 (0'-2')	SB-1 (2'-4')	SB-2 (2'-4')	SB-3 (0'-2')	SB-4 (0'-2')	SB-4 (2'-4')	SB-5 (0'-2')	SB-5 (2'-4')	SB-6 (0-2')	SB-6 (2-4')
		Depth			0'-2'	2'-4'	2'-4'	0'-2'	0'-2'	2'-4'			0'-2'	2'-4
		Date			9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/26/2014	9/26/2014	9/18/2014	9/18/2014
	Sample ID	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*
71-55-6	1,1,1-Trichloroethane (TCA)	VOC	680	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	VOC	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	VOC	330	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	VOC	20c	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
123-91-1	1,4-Dioxane	VOC	100b	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	VOC	120	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-64-1	Acetone	VOC	50	100,000b	78	50	73	86	190	ND	ND	4.8 J	ND	ND
71-43-2	Benzene	VOC	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	VOC	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-90-7	Chlorobenzene	VOC	1,100	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	VOC	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	VOC	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene Chloride	VOC	50	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	SVOC	12,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
104-51-8	n-Butylbenzene	VOC	12,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
103-65-1	n-Propylbenzene	VOC	3,900	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
135-98-8	sec-Butylbenzene	VOC	11,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-06-6	tert-Butylbenzene	VOC	5,900	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene (PCE)	VOC	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	VOC	700	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Total Xylenes	VOC	260	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethene (TCE)	VOC	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-01-4	Vinyl Chloride	VOC	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total BTEX				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOCs				78	50	73	86	190	ND	ND	4.8 J	ND	ND
83-32-9	Acenaphthene	SVOC	20,000	100,000a	ND	ND	ND	ND	ND	ND	120 J	ND	ND	ND
208-96-8	Acenaphthylene	SVOC	100,000a	100,000a	ND	ND	170 J	ND	92 J	ND	170 J	41 J	ND	ND
120-12-7	Anthracene	SVOC	100,000a	100,000a	ND	ND	64 J	ND	ND	ND	290	29 J	ND	ND
56-55-3	Benzo-a-Anthracene	SVOC	1,000c	1,000f	ND	ND	220	ND	300	ND	720	98 J	ND	ND
50-32-8	Benzo-a-Pyrene	SVOC	1,000c	1,000f	ND	ND	320	ND	300	ND	680	100 J	ND	ND
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000c	1,000f	ND	ND	610	ND	380	ND	900	150	ND	ND
207-08-9	Benzo-k-Fluoranthene	SVOC	800c	3,900	ND	ND	250	ND	160 J	ND	310	45 J	ND	ND
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000a	ND	ND	290	ND	240 J	ND	490	76 J	ND	ND
218-01-9	Chrysene	SVOC	1,000c	3,900	ND	ND	570	ND	320	ND	800	120	ND	ND
132-64-9	Dibenzofuran	SVOC	7,000	59,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330b	330e	ND	ND	ND	ND	ND	ND	120 J	ND	ND	ND
206-44-0	Fluoranthene	SVOC	100,000	100,000a	ND	ND	1100	ND	510	41 J	1500	220	ND	ND
86-73-7	Fluorene	SVOC	30,000	100,000a	ND	ND	ND	ND	ND	ND	110 J	ND	ND	ND
118-74-1	Hexachlorobenzene	SVOC	330	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500c	500f	ND	ND	300	ND	240 J	ND	520	79 J	ND	ND
85-01-8	Phenanthrene	SVOC	100,000	100,000a	ND	ND	940	ND	210 J	ND	1200	120	ND	ND
129-00-0	Pyrene	SVOC	100,000	100,000a	ND	ND	890	33 J	470	39 J	1300	180	ND	ND
	Total cPAHs				ND	ND	2270	ND	1,700	ND	3,950	592	ND	ND
	Total SVOCs				ND	ND	5,724	33 J	3,222	80 J	9,230	1258	ND	ND

Table 1 - Soil Analysis Summary
1544 Boone Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-7 (0'-2')	SB-7 (2'-4')	SB-8 (0'-2')	SB-8 (2'-4')	SB-9 (0'-2')	SB-9 (2'-4')	SB-10 (0'-2')	SB-10 (2'-4')	SB-11 (0'-2')	SB-11 (2'-4')
		Depth			0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'
		Date			9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014
	Sample ID	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*
71-55-6	1,1,1-Trichloroethane (TCA)	VOC	680	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	VOC	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	VOC	330	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	VOC	20c	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
123-91-1	1,4-Dioxane	VOC	100b	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	VOC	120	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-64-1	Acetone	VOC	50	100,000b	ND	4.1	8.2 J	8.9 J	8 J	8.2 J	ND	5.1	13	8.4 J
71-43-2	Benzene	VOC	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	VOC	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-90-7	Chlorobenzene	VOC	1,100	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	VOC	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	VOC	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene Chloride	VOC	50	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	SVOC	12,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
104-51-8	n-Butylbenzene	VOC	12,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
103-65-1	n-Propylbenzene	VOC	3,900	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
135-98-8	sec-Butylbenzene	VOC	11,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-06-6	tert-Butylbenzene	VOC	5,900	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene (PCE)	VOC	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	VOC	700	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Total Xylenes	VOC	260	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethene (TCE)	VOC	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-01-4	Vinyl Chloride	VOC	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total BTEX				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOCs				ND	4.1	8.2 J	8.9 J	8 J	8.2 J	ND	5.1	13	8.4
83-32-9	Acenaphthene	SVOC	20,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	SVOC	100,000a	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	SVOC	100,000a	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo-a-Anthracene	SVOC	1,000c	1,000f	ND	ND	57 J	ND	ND	ND	ND	ND	87 J	ND
50-32-8	Benzo-a-Pyrene	SVOC	1,000c	1,000f	ND	ND	59 J	ND	ND	ND	ND	ND	97 J	ND
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000c	1,000f	ND	ND	76 J	ND	ND	ND	ND	ND	130	ND
207-08-9	Benzo-k-Fluoranthene	SVOC	800c	3,900	ND	ND	38 J	ND	ND	ND	ND	ND	41 J	ND
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000a	ND	ND	46 J	ND	ND	ND	ND	ND	82 J	ND
218-01-9	Chrysene	SVOC	1,000c	3,900	ND	ND	61 J	ND	ND	ND	ND	ND	96 J	ND
132-64-9	Dibenzofuran	SVOC	7,000	59,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330b	330e	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	SVOC	100,000	100,000a	ND	ND	95 J	ND	ND	ND	ND	ND	150	ND
86-73-7	Fluorene	SVOC	30,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118-74-1	Hexachlorobenzene	SVOC	330	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500c	500f	ND	ND	49 J	ND	ND	ND	ND	ND	77 J	ND
85-01-8	Phenanthrene	SVOC	100,000	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	68	ND
129-00-0	Pyrene	SVOC	100,000	100,000a	ND	ND	78 J	ND	ND	ND	ND	ND	140	ND
	Total cPAHs				ND	ND	340 J	ND	ND	ND	ND	ND	528	ND
	Total SVOCs				ND	ND	559 J	ND	ND	ND	ND	ND	968	ND

Table 1 - Soil Analysis Summary
1544 Boone Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB1 (0'-2')	SB-1 (2'-4')	SB-2 (2'-4')	SB-3 (0'-2')	SB-4 (0'-2')	SB-4 (2'-4')	SB-5 (0'-2')	SB-5 (2'-4')	SB-6 (0-2')	SB-6 (2-4')
		Depth			0'-2'	2'-4'	2'-4'	0'-2'	0'-2'	2'-4'			0'-2'	2'-4
		Date			9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/26/2014	9/26/2014	9/18/2014	9/18/2014
	Sample ID	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*
93-72-1	2,4,5-TP Acid	PESTICIDE	3,800	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-54-8	4,4-DDD	PESTICIDE	3.3b	13,000	ND	ND	3.67	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4-DDE	PESTICIDE	3.3b	8,900	0.696 J	ND	3.02	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4-DDT	PESTICIDE	3.3b	7,900	ND	ND	30.2	ND	2.22 J	ND	ND	1.43 J	ND	ND
309-00-2	Aldrin	PESTICIDE	5c	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	PESTICIDE	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-71-9	Alpha Chlordane	PESTICIDE	94	4,200	ND	ND	7.87	ND	ND	ND	0.724 J	1.01 J	ND	ND
12674-11-2	Aroclor 1016	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1104-28-2	Aroclor 1221	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11141-16-5	Aroclor 1232	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53469-21-9	Aroclor 1242	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12672-29-6	Aroclor 1248	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11097-69-1	Aroclor 1254	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11096-82-5	Aroclor 1260	PCB	NA	NA	ND	ND	ND	ND	ND	ND	24.6 J	ND	ND	ND
	Aroclor 1265	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1268	PCB	NA	NA	ND	ND	ND	ND	ND	ND	59.1	ND	ND	ND
319-85-7	beta-BHC	PESTICIDE	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	PESTICIDE	40	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	PESTICIDE	5	200	ND	ND	ND	ND	ND	ND	1.01 J	ND	ND	ND
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	PESTICIDE	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC	PESTICIDE	100	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
76-44-8	Heptachlor	PESTICIDE	42	2,100	ND	ND	ND	ND	ND	ND	0.53 J	1.1 P	ND	ND
1336-36-3	Polychlorinated Biphenyls	PESTICIDE	100	1,000	ND	ND	ND	ND	ND	ND	83.7 J	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*
7429-90-5	Aluminum, Al	METAL	NA	NA	10000	14000	10000	17000	5000	11000	5300	11000	18000	9100
7440-36-0	Antimony, Sb	METAL	NA	NA	ND	ND	ND	ND	1 J	ND	1 J	3.2 J	ND	ND
7440-38-2	Arsenic, As	METAL	13c	16f	2	2.2	2.3	0.66	4.9	1.6	5.9	3.2	3.2	1.7
7440-39-3	Barium, Ba	METAL	350c	400	38	67	130	130	340	44	97	130	79	84
7440-41-7	Beryllium, Be	METAL	7.2	72	0.26	0.32	0.25	0.17 J	0.19 J	0.25	0.27 J	0.22 J	0.45	0.23
7440-43-9	Cadmium, Cd	METAL	2.5c	4.3	ND	ND	0.12 J	ND	1	ND	0.64 J	0.53 J	ND	ND
7440-47-3	Chromium, Cr	METAL	NA	110	20	18	23	25	12	19	16	32	30	16
18540-29-9	Chromium, hexavalent	METAL	1b	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16065-83-1	Chromium, trivalent	METAL	30c	180	20	18	23	25	12	19	16	32	30	16
7440-48-4	Cobalt, Co	METAL	NA	NA	6.1	9.9	9.3	9.8	3.3	7.1	4	9.3	8.5	6.6
7440-50-8	Copper, Cu	METAL	50	270	16	29	33	33	75	27	36	69	23	22
57-12-5	Cyanide	METAL	27	27	ND	0.25 J	0.3 J	0.97 J	0.77 J	ND	ND	ND	ND	ND
7439-89-6	Iron, Fe	METAL	NA	NA	14000	18000	24000	25000	12000	14000	14000	20000	20000	14000
7439-92-1	Lead, Pb	METAL	63c	400	14	18	90	20	600	10	240	69	12	5.4
7439-96-5	Manganese, Mn	METAL	1,600c	2,000f	180	300	350	250	190	230	240	250	290	200
7439-97-6	Mercury, Hg	METAL	.18c	.81j	0.02 J	ND	0.05 J	ND	0.58	0.12	0.14	0.06 J	0.03 J	0.076 J
7440-02-0	Nickel, Ni	METAL	30	310	14	19	18	16	12	13	11	16	18	13
7782-49-2	Selenium, Se	METAL	3.9c	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver, Ag	METAL	2	180	ND	ND	0.13 J	ND	0.12 J	ND	0.17 J	0.44 J	ND	ND
7440-28-0	Thallium, Ti	METAL	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium, V	METAL	NA	NA	25	38	25	33	18	24	18	39	41	24
7440-66-6	Zinc, Zn	METAL	109c	10,000d	38	54	96	88	500	25	240	230	59	41

Notes: Shaded values indicate an exceedance of NYCRR 375 Restricted Residential and NYCRR 375 Unrestriced Use values.

J = Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit

Table 1 - Soil Analysis Summary
1544 Boone Avenue, Bronx, NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-7 (0'-2')	SB-7 (2'-4')	SB-8 (0'-2')	SB-8 (2'-4')	SB-9 (0'-2')	SB-9 (2'-4')	SB-10 (0'-2')	SB-10 (2'-4')	SB-11 (0'-2')	SB-11 (2'-4')
		Depth			0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'	0'-2'	2'-4'
		Date			9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014	9/18/2014
	Sample ID	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*
93-72-1	2,4,5-TP Acid	PESTICIDE	3,800	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-54-8	4,4-DDD	PESTICIDE	3.3b	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4-DDE	PESTICIDE	3.3b	8,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4-DDT	PESTICIDE	3.3b	7,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
309-00-2	Aldrin	PESTICIDE	5c	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	PESTICIDE	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-71-9	Alpha Chlordane	PESTICIDE	94	4,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12674-11-2	Aroclor 1016	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1104-28-2	Aroclor 1221	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11141-16-5	Aroclor 1232	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53469-21-9	Aroclor 1242	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12672-29-6	Aroclor 1248	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11097-69-1	Aroclor 1254	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11096-82-5	Aroclor 1260	PCB	NA	NA	ND	ND	ND	ND	8.32 J	ND	ND	ND	ND	ND
	Aroclor 1265	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aroclor 1268	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	PESTICIDE	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	PESTICIDE	40	100,000a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	PESTICIDE	5	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000i	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	PESTICIDE	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC	PESTICIDE	100	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
76-44-8	Heptachlor	PESTICIDE	42	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1336-36-3	Polychlorinated Biphenyls	PESTICIDE	100	1,000	ND	ND	ND	ND	8.7 J	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*
7429-90-5	Aluminum, Al	METAL	NA	NA	6400	6600	15000	12000	15000	18000	8100	9000	9400	9500
7440-36-0	Antimony, Sb	METAL	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic, As	METAL	13c	16f	0.95	0.66	4	5.7	1.2	ND	0.84	0.92	3	0.87
7440-39-3	Barium, Ba	METAL	350c	400	100	47	58	56	130	140	48	66	110	55
7440-41-7	Beryllium, Be	METAL	7.2	72	0.11 J	0.14 J	0.41	0.43	0.33	0.19 J	0.2	0.2 J	0.29	0.21
7440-43-9	Cadmium, Cd	METAL	2.5c	4.3	ND	ND	ND	ND	ND	ND	ND	ND	0.05 J	ND
7440-47-3	Chromium, Cr	METAL	NA	110	9.6	12	29	21	22	26	13	16	8.4	16
18540-29-9	Chromium, hexavalent	METAL	1b	110	ND	ND	ND	0.47 J	ND	ND	ND	ND	ND	ND
16065-83-1	Chromium, trivalent	METAL	30c	180	9.6	12	29	21	22	26	13	16	8.4	16
7440-48-4	Cobalt, Co	METAL	NA	NA	5.5	5.3	8	10	13	17	6.8	7.2	4.5	6
7440-50-8	Copper, Cu	METAL	50	270	22	19	18	36	41	21	20	24	20	25
57-12-5	Cyanide	METAL	27	27	ND	ND	ND	ND	ND	ND	ND	ND	0.39 J	ND
7439-89-6	Iron, Fe	METAL	NA	NA	11000	11000	20000	23000	23000	28000	12000	12000	9600	13000
7439-92-1	Lead, Pb	METAL	63c	400	1.7 J	3.9	21	13	57	6	4.1	3.4	39	2.9
7439-96-5	Manganese, Mn	METAL	1,600c	2,000f	120	180	240	640	240	190	200	260	130	280
7439-97-6	Mercury, Hg	METAL	.18c	.81j	ND	ND	0.03 J	0.02 J	0.04 J	ND	ND	ND	0.09	ND
7440-02-0	Nickel, Ni	METAL	30	310	7.5	9.6	12	18	21	26	12	12	6.3	11
7782-49-2	Selenium, Se	METAL	3.9c	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver, Ag	METAL	2	180	ND	ND	ND	0.11 J	0.15 J	0.2 J	ND	ND	ND	ND
7440-28-0	Thallium, Ti	METAL	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium, V	METAL	NA	NA	22	20	32	28	33	38	22	23	27	24
7440-66-6	Zinc, Zn	METAL	109c	10,000d	21	20	47	66	94	78	34	23	38	22

Notes: Shaded values indicate an exceedance of NYCRR 375 Restricted Residential and NYCRR 375 Unrestriced Use values.

J = Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit

Table 2 - Groundwater Analysis Summary
1544 Boone Avenue, Bronx NY

CAS Number	Parameter Name	Parameter ID	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-1	MW-2	MW-4
		GW Depth		8.43 ft	8.95 ft	8.17 ft
		Date		10/13/2014	10/13/2014	10/13/2014
	Sample ID	Unit	*ug/L*	*ug/L*	*ug/L*	*ug/L*
71-55-6	1,1,1-Trichloroethane (TCA)	VOC	5	ND	ND	ND
75-34-3	1,1-Dichloroethane	VOC	5	ND	ND	ND
75-35-4	1,1-Dichloroethene	VOC	5	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	5	2 J	ND	6800
95-50-1	1,2-Dichlorobenzene	VOC	3	ND	ND	ND
107-06-2	1,2-Dichloroethane	VOC	0.6	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	5	0.82 J	ND	2000
541-73-1	1,3-Dichlorobenzene	VOC	3	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	VOC	3	ND	ND	ND
123-91-1	1,4-Dioxane	VOC	NS	ND	ND	ND
110-57-6	trans-1,4-Dichloro-2-butene	VOC	5	ND	ND	ND
78-93-3	2-Butanone	VOC	50	ND	ND	ND
67-64-1	Acetone	VOC	50	ND	3 J	ND
71-43-2	Benzene	VOC	1	ND	ND	ND
56-23-5	Carbon Tetrachloride	VOC	5	ND	ND	ND
108-90-7	Chlorobenzene	VOC	5	ND	ND	ND
67-66-3	Chloroform	VOC	7	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	VOC	5	ND	ND	ND
100-41-4	Ethylbenzene	VOC	5	ND	ND	4000
75-09-2	Methylene Chloride	VOC	5	ND	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	VOC	10	ND	ND	ND
91-20-3	Naphthalene	SVOC	10	ND	ND	740 E
104-51-8	n-Butylbenzene	VOC	5	ND	ND	180 J
103-65-1	n-Propylbenzene	VOC	5	ND	ND	760
135-98-8	sec-Butylbenzene	VOC	5	ND	ND	ND
98-06-6	tert-Butylbenzene	VOC	5	ND	ND	ND
127-18-4	Tetrachloroethene (PCE)	VOC	5	ND	0.97	ND
108-88-3	Toluene	VOC	5	ND	ND	ND
95-47-6	o Xylene	VOC	5	ND	ND	2000
	m,p Xylene	VOC	5	1.7 J	ND	16000
1330-20-7	Total Xylenes	VOC	NS	1.7 J	ND	18000
156-60-5	trans-1,2-Dichloroethene	VOC	5	ND	ND	ND
79-01-6	Trichloroethene (TCE)	VOC	5	ND	0.86	ND
75-01-4	Vinyl Chloride	VOC	2	ND	ND	ND
	Total BTEX			1.47 J	ND	22000
	Total VOCs			6.22 J	4.83	50480
83-32-9	Acenaphthene	SVOC	20	ND	ND	ND
208-96-8	Acenaphthylene	SVOC	NS	ND	ND	ND
120-12-7	Anthracene	SVOC	50	ND	ND	ND
56-55-3	Benzo-a-Anthracene	SVOC	0.002	ND	ND	ND
50-32-8	Benzo-a-Pyrene	SVOC	NS	ND	ND	ND
205-99-2	Benzo-b-Fluoranthene	SVOC	0.002	ND	ND	ND
207-08-9	Benzo-k-Fluoranthene	SVOC	0.002	ND	ND	ND
191-24-2	Benzo-g,h,i-Perylene	SVOC	NS	ND	ND	ND
218-01-9	Chrysene	SVOC	0.002	ND	ND	ND
132-64-9	Dibenzofuran	SVOC	NS	ND	ND	ND
53-70-3	Dibenzo-a,h-Anthracene	SVOC	NS	ND	ND	ND
206-44-0	Fluoranthene	SVOC	50	ND	ND	0.82 J
86-73-7	Fluorene	SVOC	50	ND	ND	2.4
118-74-1	Hexachlorobenzene	SVOC	0.04	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	0.002	ND	ND	ND
95-94-3	1,2,4,5-Tetrachlorobenzene	SVOC	5	ND	ND	ND
85-01-8	Phenanthrene	SVOC	50	ND	ND	2
129-00-0	Pyrene	SVOC	50	ND	ND	0.98 J
	Total cPAHs			ND	ND	ND
	Total SVOCs			ND	ND	6.2

Table 2 - Groundwater Analysis Summary
1544 Boone Avenue, Bronx NY

CAS Number	Parameter Name	Parameter ID	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-1	MW-2	MW-4
		GW Depth		8.43 ft	8.95 ft	8.17 ft
		Date		10/13/2014	10/13/2014	10/13/2014
	Sample ID	Unit	*ug/L*	*ug/L*	*ug/L*	*ug/L*
72-54-8	4,4-DDD	PESTICIDE	0.3	ND	ND	ND
72-55-9	4,4-DDE	PESTICIDE	0.2	ND	ND	ND
50-29-3	4,4-DDT	PESTICIDE	0.2	ND	ND	ND
309-00-2	Aldrin	PESTICIDE	0	ND	ND	ND
319-84-6	alpha-BHC	PESTICIDE	0.01	ND	ND	ND
5103-71-9	Alpha Chlordane	PESTICIDE	NS	ND	ND	ND
12674-11-2	Aroclor 1016	PCB	NS	ND	ND	ND
1104-28-2	Aroclor 1221	PCB	NS	ND	ND	ND
11141-16-5	Aroclor 1232	PCB	NS	ND	ND	ND
53469-21-9	Aroclor 1242	PCB	NS	ND	ND	ND
12672-29-6	Aroclor 1248	PCB	NS	ND	ND	ND
11097-69-1	Aroclor 1254	PCB	NS	ND	ND	ND
11096-82-5	Aroclor 1260	PCB	NS	ND	ND	ND
319-85-7	beta-BHC	PESTICIDE	0.04	ND	ND	ND
319-86-8	delta-BHC	PESTICIDE	0.04	ND	ND	ND
60-57-1	Dieldrin	PESTICIDE	0.004	ND	ND	ND
959-98-8	Endosulfan I	PESTICIDE	NS	ND	ND	ND
33213-65-9	Endosulfan II	PESTICIDE	NS	ND	ND	ND
1031-07-8	Endosulfan Sulfate	PESTICIDE	NS	ND	ND	ND
72-20-8	Endrin	PESTICIDE	0	ND	ND	ND
58-89-9	gamma-BHC	PESTICIDE	0.05	ND	ND	ND
76-44-8	Heptachlor	PESTICIDE	0.04	ND	ND	ND
1336-36-3	Polychlorinated Biphenyls	PESTICIDE	0.09	ND	ND	ND
	Unit		*mg/L*	*mg/L*	*mg/L*	*mg/L*
7440-38-2	Arsenic, As - Dissolved	METAL	25	ND	ND	0.0032
7440-39-3	Barium, Ba - Dissolved	METAL	1000	0.0706	0.0379	0.0985
7440-41-7	Beryllium, Be - Dissolved	METAL	3	ND	ND	ND
7440-43-9	Cadmium, Cd - Dissolved	METAL	5	ND	ND	ND
7440-47-3	Chromium, Cr - Dissolved	METAL	50	0.0037 JB	0.0244 JB	0.0154 JB
7440-48-4	Cobalt, Co - Dissolved	METAL	NS	0.0313	0.002	0.0069
7440-50-8	Copper, Cu - Dissolved	METAL	200	ND	0.0018	ND
7439-89-6	Iron, Fe - Dissolved	METAL	300	0.188 J	0.821	2.62
7439-92-1	Lead, Pb - Dissolved	METAL	25	ND	ND	0.0058
7439-96-5	Manganese, Mn - Dissolved	METAL	300	6.856	0.9421	2.834
7439-97-6	Mercury, Hg - Dissolved	METAL	0.7	ND	0.00007 J	ND
7440-02-0	Nickel, Ni - Dissolved	METAL	100	0.0396	0.0271 J	0.0129
7782-49-2	Selenium, Se - Dissolved	METAL	10	ND	ND	ND
7440-22-4	Silver, Ag - Dissolved	METAL	50	ND	ND	ND
7440-28-0	Thallium, Ti - Dissolved	METAL	0.5	ND	ND	ND
7440-62-2	Vanadium, V - Dissolved	METAL	NS	ND	ND	ND
7440-66-6	Zinc, Zn - Dissolved	METAL	2000	ND	0.0211 J	ND
7440-38-2	Arsenic, As - Total	METAL	25	0.0025	0.0045	0.0166
7440-39-3	Barium, Ba - Total	METAL	1000	0.15	0.8992	1.332
7440-41-7	Beryllium, Be - Total	METAL	3	ND	0.0025	0.0031
7440-43-9	Cadmium, Cd - Total	METAL	5	0.0003 J	0.0008 J	0.0022
7440-47-3	Chromium, Cr - Total	METAL	50	0.0295	0.3454	0.1512
7440-48-4	Cobalt, Co - Total	METAL	NS	0.049	0.0746	0.1024
7440-50-8	Copper, Cu - Total	METAL	200	0.0288	0.867	0.2919
7439-89-6	Iron, Fe - Total	METAL	300	16.2	160	146
7439-92-1	Lead, Pb - Total	METAL	25	0.0061	0.0512	0.4188
7439-96-5	Manganese, Mn - Total	METAL	300	7.092	5.1	6.27
7439-97-6	Mercury, Hg - Total	METAL	0.7	ND	0.00009 J	ND
7440-02-0	Nickel, Ni - Total	METAL	100	0.0715	0.4427	0.1514
7782-49-2	Selenium, Se - Total	METAL	10	ND	ND	0.015 J
7440-22-4	Silver, Ag - Total	METAL	50	ND	0.0004 J	ND
7440-28-0	Thallium, Ti - Total	METAL	0.5	ND	0.0013	0.0016
7440-62-2	Vanadium, V - Total	METAL	NS	0.0247 J	0.1468	0.2002
7440-66-6	Zinc, Zn - Total	METAL	2000	0.0531	0.8631	1.256

Notes: Shaded values indicate an exceedance of NYSDEC TOGS 1.1.1 Groundwater Quality Standards

J = Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit

Table 3 - Soil Vapor Analysis Summary
1544 Boone Avenue, Bronx NY

CAS Number	Parameter Name	NYSDOH FINAL SVI GUIDANCE TABLE 3.1 AIR GUIDE LINES	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
			5-ft	5-ft	5-ft	5-ft	5-ft	5-ft	5-ft	5-ft
			10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/*14
	Sample ID		*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/kg*	*ug/kg*
71-55-6	1,1,1-Trichloroethane (TCA)	-	ND	ND	ND	ND	ND	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
79-00-5	1,1,2-Trichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
76-13-1	1,1,2 Trichloro-1,2,2 Trifluoroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	-	ND	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	-	32.7	2.68	9.14	301	1.38	138000	260	1020
106-93-4	1,2-Dibromoethane	-	ND	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
78-87-5	1,2-Dichloropropane	-	ND	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	-	13.2	1.13	3.99	139	ND	58500	ND	1040
541-73-1	1,3-Dichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND
106-99-0	1,3-Butadiene	-	81.4	15.1	16.9	107	0.557	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND
123-91-1	1,4-Dioxane	-	ND	ND	ND	ND	ND	ND	ND	ND
540-84-1	2,2,4-Trimethylpentane	-	57.9	ND	1.25	120	ND	310000	47200	15300
78-93-3	2-Butanone	-	24.4	13.3	11.3	21.3	1.12	ND	ND	ND
591-78-6	2-Hexanone	-	ND	ND	ND	ND	ND	ND	ND	ND
108-10-1	4-Methyl-2-Pentanone	-	ND	0.955	ND	ND	ND	ND	ND	ND
107-05-1	3-Chloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND
622-96-8	4-Ethyltoluene	-	6.39	ND	2.22	81.6	ND	47500	ND	274
67-64-1	Acetone	-	ND	73.9	63.4	24.7	6.91	ND	ND	ND
71-43-2	Benzene	-	19.2	7	8.82	46.3	1.51	7800	234	463
100-44-7	Benzyl chloride	-	ND	ND	ND	ND	ND	ND	ND	ND
75-27-4	Bromodichloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND
75-25-2	Bromoform	-	ND	ND	ND	ND	ND	ND	ND	ND
74-83-9	Bromomethane	-	ND	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	-	16.7	4.45	21.1	29.2	3.1	ND	139	ND
56-23-5	Carbon Tetrachloride	-	ND	ND	ND	ND	ND	ND	ND	ND

Table 3 - Soil Vapor Analysis Summary
1544 Boone Avenue, Bronx NY

CAS Number	Parameter Name	NYSDOH FINAL SVI GUIDANCE TABLE 3.1 AIR GUIDE LINES	SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
			5-ft	5-ft	5-ft	5-ft	5-ft	5-ft	5-ft	5-ft
			10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/*14
	Sample ID		*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/m^3*	*ug/kg*	*ug/kg*
108-90-7	Chlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND
124-48-1	Chlorodibromomethane	-	ND	ND	ND	ND	ND	ND	ND	ND
75-00-3	Chloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	-	ND	ND	ND	ND	ND	ND	ND	ND
74-87-3	Chloromethane	-	0.516	ND	ND	0.991	ND	ND	ND	ND
542-75-6	cis-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	-	3.24	ND	ND	103	ND	ND	ND	ND
110-82-7	Cyclohexane	-	13.2	0.909	1.46	29.7	ND	191000	4030	4030
75-71-8	Dichlorodifluoromethane	-	ND	ND	ND	ND	3.1	ND	ND	ND
100-41-4	Ethylbenzene	-	5.78	1.98	2.78	116	1.07	205000	327	372
64-17-5	Ethanol	-	ND	ND	20.5	ND	ND	ND	ND	ND
141-78-6	Ethyl Acetate	-	ND	ND	ND	ND	ND	ND	ND	ND
76-14-2	Freon-114	-	ND	ND	ND	ND	ND	ND	ND	ND
142-82-5	Heptane	-	18.2	7.75	6.31	242	1.25	1240000	2710	11300
87-68-3	Hexachlorobutadiene	-	ND	ND	ND	ND	ND	ND	ND	ND
67-63-0	Isopropanol	-	1.72	2.78	ND	ND	ND	ND	ND	ND
75-09-2	Methylene Chloride	60	ND	ND	ND	ND	ND	ND	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	-	ND	ND	ND	ND	ND	ND	ND	ND
110-54-3	n-Hexane	-	38.4	10.7	8.21	107	1.65	712000	8920	18400
1330-20-7	p/m-Xylene	-	18.2	6.91	11.7	395	6.65	313000	665	834
95-47-6	o-Xylene	-	8.82	3.01	3.53	107	2.38	31500	ND	249
100-42-5	Styrene	-	1.32	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene (PCE)	30	4.68	19.7	10.6	11.3	54.5	ND	ND	ND
109-99-9	Tetrahydrofuran	-	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	-	21.9	9.38	10.6	69.3	10.4	2470	124	118
1330-20-7	Total Xylenes	-	27.02	9.92	15.23	502	9.03	344500	665	1083
156-60-5	trans-1,2-Dichloroethene	-	ND	ND	ND	4.32	ND	ND	ND	ND
10061-02-6	trans-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethene (TCE)	5	ND	ND	ND	10.9	15.4	ND	ND	ND
75-69-4	Trichlorofluoromethane	-	1.18	2.34	ND	ND	5	ND	ND	ND
593-60-2	Vinyl bromide	-	ND	ND	ND	ND	ND	ND	ND	ND
75-01-4	Vinyl Chloride	-	ND	ND	ND	2.01	ND	ND	ND	ND
	Total BTEX		73.9	28.28	37.43	733.6	22.01	559770	1350	2036
	Total VOCs		389.05	183.97	213.81	2,068.62	115.64	3,256,770	64,609	53,400

Notes: Shaded values indicate an exceedance of NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York October 2006 - Table 3.1

Table 4 - Groundwater Level Log

1544 Boone Avenue, Bronx NY

Well ID	Date	Well Diameter (inches)	Total Well Depth (feet)	Well Head PID (PPM)	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Remarks
MW-1	10/13/2014	2.00	14.45	0.0	8.43	ND	ND	
MW-2	10/13/2014	2.00	14.32	0.1	8.95	ND	ND	
MW-4	10/13/2014	2.00	12.90	484.3	8.17	ND	ND	

Notes:

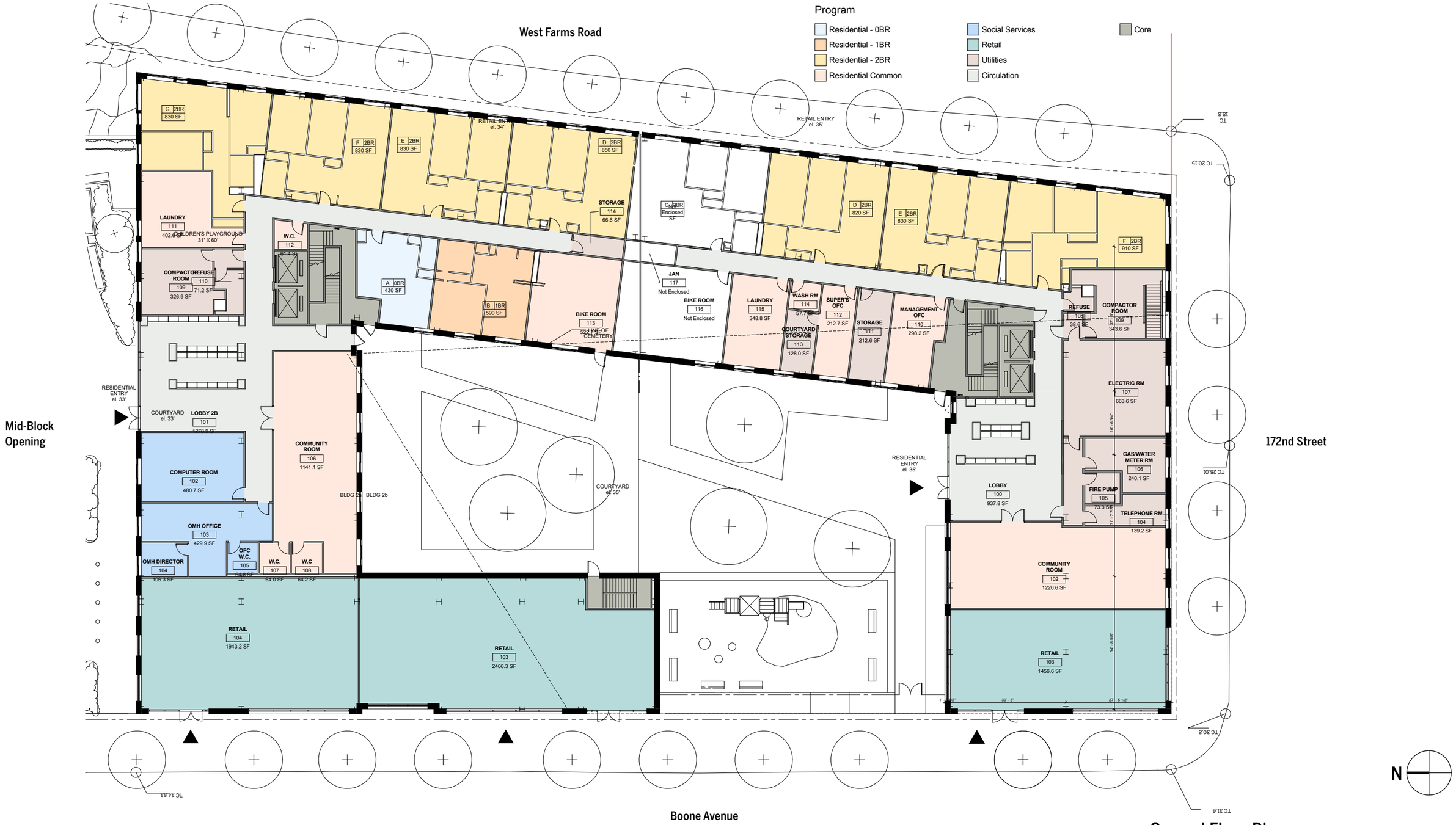
ND - Not Detected

NM - Not Measured

DTW - Depth to Water

APPENDIX – A

Proposed Redevelopment Plans



Ground Floor Plan

Highest Rock's Elevation is at 39.5-ft

Compass Residences : Phase II : Buildings 2A /2B

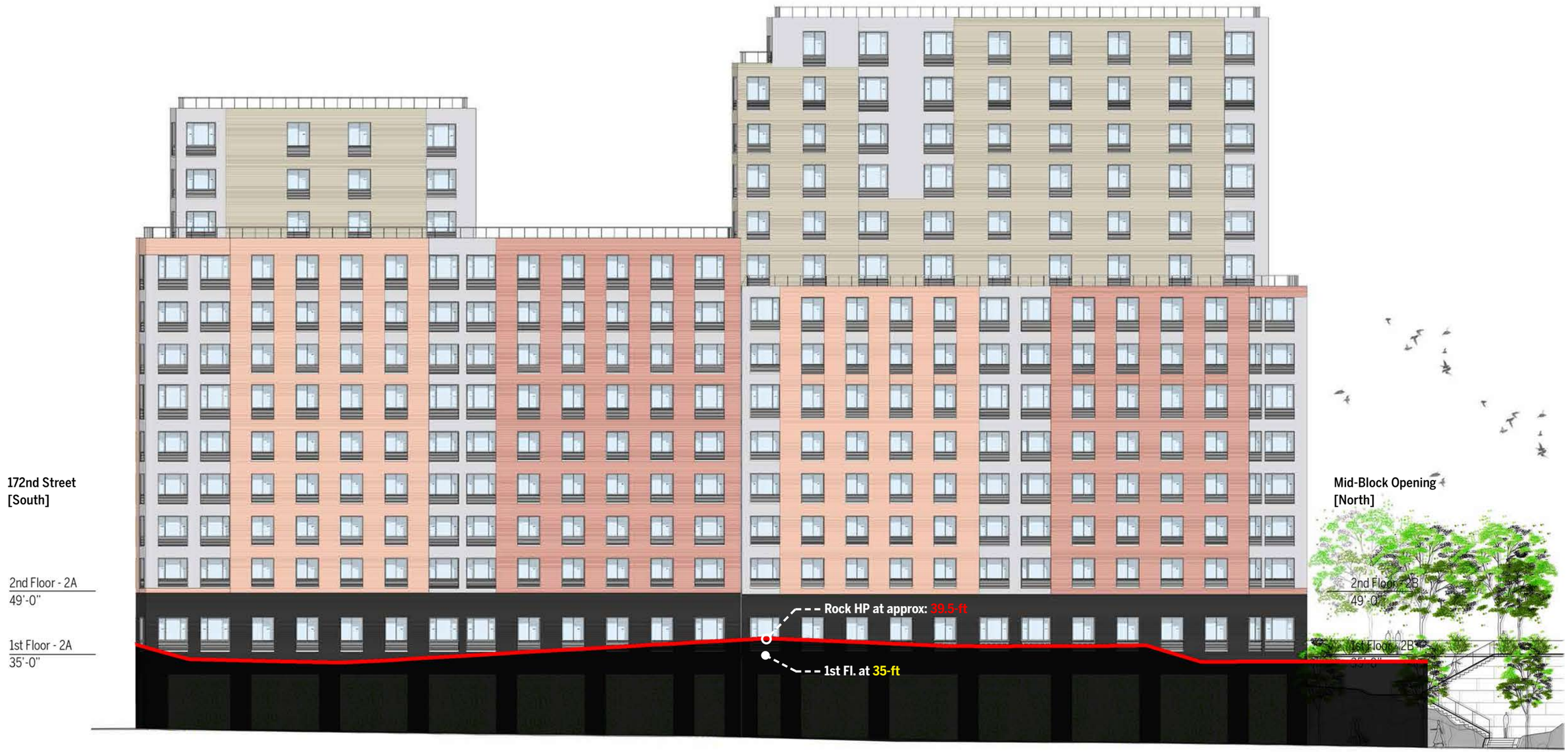
Block 3014-S/Building 2

SK-1

DattnerArchitects | Signature Urban Properties LLC | Monadnock Development LLC

June 11, 2014

NTS



West Farms Road Elevation

North/South Rock Outcropping Profile

Highest Rock's Elevation is at 39.5-ft

Compass Residences : Phase II : Buildings 2A /2B

Block 3014-S/Building 2

SK-2

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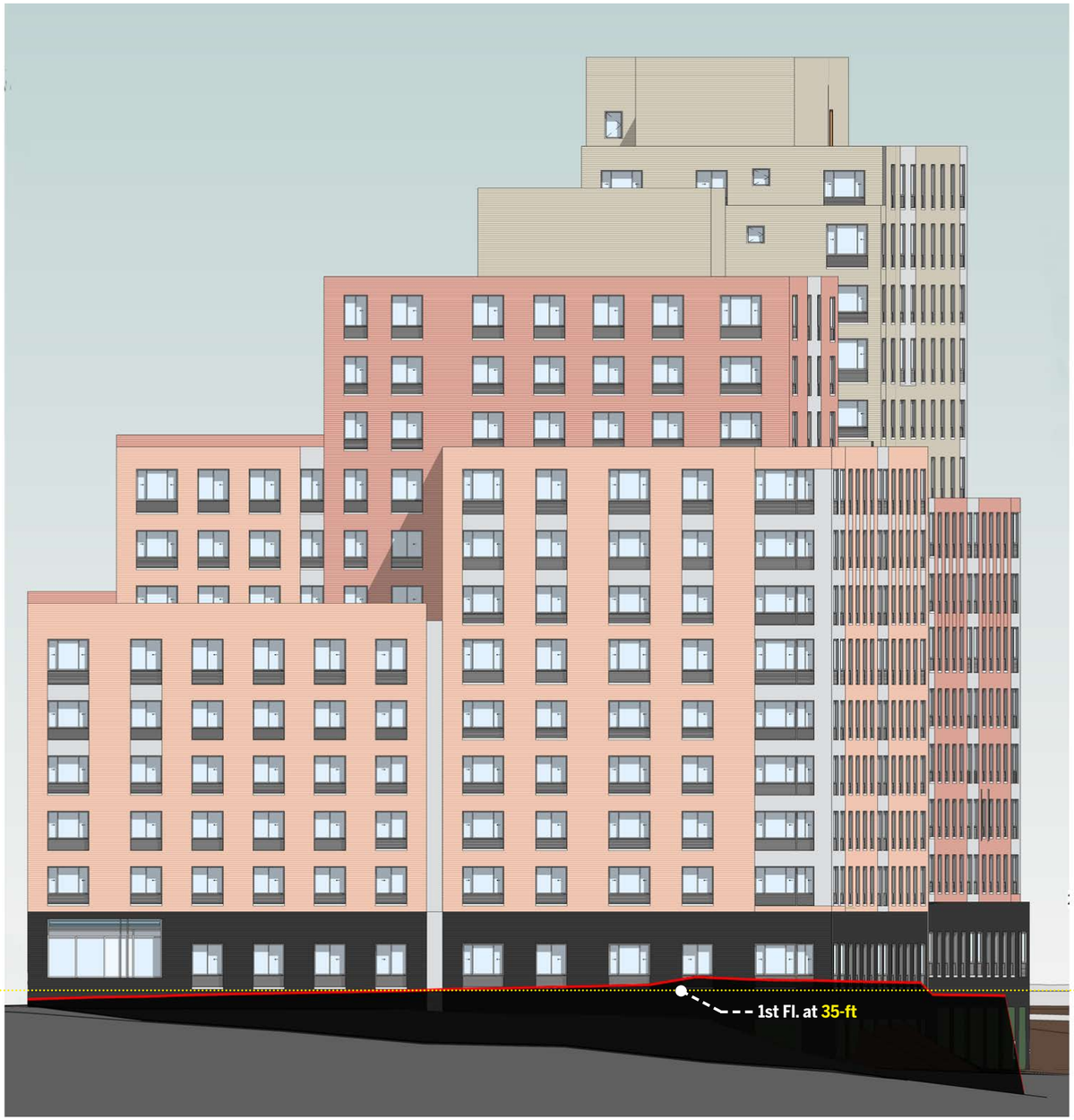
June 11, 2014

NTS



Boone Avenue

2nd Floor - 2A
49'-0"

1st Floor - 2A
35'-0"

West Farms Road

2nd Floor - 2B
49'-0"

1st Floor - 2B
35'-0"

172nd Street Elevation

East/West Rock Outcropping Profile

Highest Rock's Elevation is at 39.5-ft

Block 3014-S/Building 2

SK-3

June 11, 2014

NTS

Compass Residences : Phase II : Buildings 2A /2B

DattnerArchitects | Signature Urban Properties LLC | Monadnock Development LLC

North/South Sect. Rock Outcropping Profile

Highest Rock's Elevation is at 39.5-ft

Compass Residences : Phase II : Buildings 2A /2B

Block 3014-S/Building 2

SK-4

DattnerArchitects Signature Urban Properties LLC Monadnock Development LLC

June 11, 2014

NTS

APPENDIX – B

Previous Environmental Reports

Phase I Environmental Site Assessment

June 12, 2006

conducted at:

1544 Boone Avenue
Bronx, New York
New York City Tax Map Designation: *Block 3014; Lot 9*

prepared for:

Allied West Farms (NY) II, LLC
853 Broadway, Suite 2014
New York, New York 10003

report user:

Allied West Farms (NY) II, LLC
853 Broadway, Suite 2014
New York, New York 10003

IE Project # 07-132

IMPACT ENVIRONMENTAL

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Appendix I: Qualifications of the Project Manager

Document Distribution

Allied West Farms (NY) II, LLC	User	Two (2) copies
Impact Environmental Corporate Records	Preparer	One (1) copy

1 EXECUTIVE SUMMARY

Impact Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 1544 Boone Avenue, Bronx, New York, ("The Site") under contract to by Allied West Farms (NY) II, LLC ("The Client"). Any exceptions to, or deletions from, this practice are described in Section 2.2 of this report.

The Site is situated in a manufacturing area of the County of Bronx, City of New York, New York. The site is bound to the north by 1560 Boone Avenue – Ferris, Stahi-Meyer Packing Corporation; to the south by 172nd Street and beyond by 1508 Boone Avenue (a steel manufacture); to the west by Boone Avenue and beyond by 1549 Boone Avenue – Coastal Restoration Group, Inc and 1529 Boone Avenue – P.C.E. State Restoration, Inc; and to the east by West Farms Road and beyond by Sheridan Expressway (I-895). The Site is currently undeveloped as property for Imperial Iron Works Corporation. The extent of the Site is approximately 41,745 square feet (0.96 acres). At the time of the inspection, the Site did not maintain any permanent structures. The Site used to contain a steel fabrication warehouse. The surface area of the Site consists of asphalt parking areas, concrete walkways, exposed soils, and debris, and steel iron storage.

Review of historical Sanborn maps revealed that the Site has maintained over 10 dwellings, numerous stores, a shed, several private automobile garages, a cemetery, a machine shop and office, an auto repair shop (circa 1951), another machine shop, a vacant building, several offices, the Plymouth Rock Provision Factory (circa 1951), a warehouse, and a garage that had a buried gasoline tank (circa 1977). The Site is presently an undeveloped lot being used for the storage of equipment and steel materials. During the Site inspection, fill/vent pipes (nine or more) were observed next to the foundation of the old warehouse. The former land uses, the buried tanks, and the poor housekeeping practices observed on the Site have created the potential for organic and inorganic contaminants to have impacted the Site. In addition, the lack of documentation available for review regarding the underground storage tanks also represents *recognized environmental condition*. Accordingly, a ground penetrating radar survey is recommended to locate the underground storage tanks associated with the former on-site operations. Furthermore, a limited subsurface investigation is recommended to determine if the environmental quality of the Site has been adversely impacted by former on-site activities.

Responses to the Freedom of Information requests submitted to the United States Environmental Protection Agency, the New York State Department of Environmental Conservation, the New York City Department of Environmental Protection, and the New York City Bureau of Fire Prevention has not been received to date. In addition, the chain-of-title records were not provided at the time of this assessment. This absence of this information represents a data gap.

This assessment has revealed evidence of recognized environmental conditions associated with the Site (see Phase II Recommendation Activities in Section 8.3). In addition, the recommended Phase I ESA and compliance activities should be performed as outlined in Section 8.2 and 8.5.

2 INTRODUCTION

2.1 Purpose

This assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-05. Banks, insurance companies, and prospective property purchasers require an understanding of existing and past property conditions and uses in order to assess the potential liabilities associated with a property. This assessment has been completed by a qualified environmental professional as defined in ASTM Standards.

This report is not intended to present any legal opinions. The data and all conclusions presented in this report should be verified by the Client's and User's legal counsel.

The objectives of this Environmental Site Assessment are stated as follows:

- Establish a basis of understanding of the past and present land uses of the Site in order to identify potential environmental and/or public health risks.

- Establish a basis of understanding of the past and present surrounding land uses and environmental resources in order to determine their impact on the environmental quality of the Site.

- Constitute an all appropriate inquiry suitable for establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as "land owner liability protections" or "LLPs") pursuant to 42 U.S.C. § 9601 (35) (B) and the Brownfield Revitalization and Environmental Restoration Act of 2001 (Brownfield Act).

- Provide information that can be used to evaluate CERCLA liability and "good neighbor" responsibilities for contaminants migrating onto or under the Site from contiguous properties in consideration of the Brownfield Act.

- Identify, to the extent feasible, *recognized environmental conditions* (RECs) in connection with the Site and surrounding properties. The term r*ecognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a material risk of harm to public health or the environment and that

generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimus are not recognized environmental conditions.

2.2 Limitations and Exceptions

This Phase I Environmental Site Assessment was conducted solely to permit Impact Environmental to render a professional opinion about the likelihood of regulated contaminants being present on, in, or beneath the Site in question at the time services were conducted. No matter how thorough a Phase I Environmental Site Assessment study may be, findings derived from its conduct are limited, and Impact Environmental cannot know or state for an absolute fact that a site, or a portion of the site, is unaffected by reportable quantities of regulated contaminants. Furthermore, even if Impact Environmental believes that reportable quantities of regulated contaminants are not present, there still exists a risk that such contaminants may be present or may migrate to the site after the study is complete. This assessment is dated, and is only valid for activities that occurred prior to the date of the site visit. Activities, liabilities, and alterations to the Site subsequent to the date of the site visit are not included in the assessment.

ASTM has developed a variety of prescriptive professional practice standards (standard practices and standard guides), identify specific methods professionals could or should use to attain results. Such prescriptive professional practice standards fail to consider the unique needs of a client, the client's project-specific expectations, or the requirements and obligations of the professionals engaged to provide service, nor do they consider more effective techniques that may have been developed subsequent to the issuance of such standards. These ASTM standards are generic and general in nature and, therefore, do not always constitute, nor are they tantamount to the applicable standard of care, which necessarily is defined and must consider project-specific contractual terms and other particular needs, expectations, circumstances, and requirements of the project and the professional engagement. Full adherence to ASTM's prescriptive professional practice standards may not be appropriate or in the best interests of the client or the project Impact Environmental's instruments of service. Impact Environmental has worked to develop a scope of service specifically for this project, in accordance with client's needs and preferences and Impact Environmental's professional and contractual obligations.

The ASTM Standards provide specific guidance with regard to radon, asbestos, lead in drinking water, lead based paint, and polychlorinated biphenyls (PCBs). Analysis of the CERCLA implications with regard to the innocent landowner defense under Superfund finds that naturally occurring radon is not subject to CERCLA liability and is appropriately considered as a non-scope issue. Accordingly, this assessment will only provide general guidance on this issue, and will not involve or recommend air monitoring for radon gas.

Similarly, the ASTM Standards do not recognize liability with regard to asbestos that is part of the building materials of a structure, in accordance with CERCLA innocent landowner defense under Superfund. In the

interest of serving the client and addressing the needs of the *user*, this assessment will identify possible observed asbestos containing materials (ACMs), may pose a health threat. This assessment is not a full asbestos survey as would be required for building demolition, or identification of all possible sources of ACM, regardless of health danger.

Lead in drinking water and lead based paint are also issues that are considered to be non-scope under CERCLA innocent landowner defense under Superfund. Lead based paint was in use for many years, and it is likely that many older buildings will have surfaces coated with lead based paint. As a general rule, painted surfaces should be maintained and ingestion of paint products should be avoided. If disposal of these materials were involved, disclosure of this practice would be subject to the scope of this environmental assessment. In the interest of serving the user, this report may include limited field-testing of surface paints and the observations on the condition of the painted surfaces. Lead in drinking water generally occurs as a result of past use of high lead content solder. Water left stagnant in pipes overnight or longer may leach lead from these joints and affect drinking water quality. As a general rule, water should be run for several minutes in the morning where such plumbing may be present.

This assessment will not identify all potential sources of PCB containing oils. Common sources of these materials include transformers and fluorescent lamp ballasts. Electric service transformers may include ground level or pole mounted units. These transformers are owned and maintained by regional public utilities. Transformers are inventoried and periodically inspected. Public utility company representatives have reported that transformers were not manufactured to contain PCB contaminated oils. Aggressive and destructive testing, which would be required for definitive identification of PCB containing oils, is beyond the scope of this study.

In addition to these non-scope considerations, ASTM also lists other issues that are beyond the scope of the standard practice for Phase I Environmental Site Assessments. These include wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, molds, urban fill containing non-point source related contaminants and high voltage power-lines. However, it is noted that this list is not intended to be all-inclusive. Identification and interpretation of several of these issues will be addressed by Impact Environmental as necessary to meet the standard of care.

It must be noted that the accuracy of any assessment is limited to the information available during the time of the site visit; the records, files, and drawings provided by the owner and released by governmental agencies; and the accuracy and completeness of the information provided during interviews.

2.3 Special Terms and Conditions

It is the responsibility of the *user* of this report (the party seeking to use this Environmental Site Assessment; i.e., the purchaser, lender, owner, potential tenant, or property manager) to provide certain information utilized in the report. This would include reporting of any *environmental liens* (for example, consideration against the property for response action, cleanup, or remediation of hazardous substances or petroleum products) encumbering the property or specialized knowledge or experience that would assist in identifying *recognized environmental conditions*.

The standard of care is uniform in each Phase I Environmental Site Assessment (ESA); however, the availability of information, relevance, and quality of information can vary. As per ASTM Standards, the "*environmental professional* is not required to verify independently the information provided, but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional." Personnel involved in report preparation will make judgments on the accuracy of *user* provided information and conduct additional research as necessary in order to meet the requirement of identifying *recognized environmental conditions* on the Site.

ASTM provides a number of standard sources of historic information. Impact Environmental will seek to research historic information as may be available as a means of cross confirmation. According to ASTM's Standard Practice for Environmental Site Assessments (E 1527-05), the "environmental professional is required to review only record information that is *reasonably ascertainable*," whereby *reasonably ascertainable* is defined as:

- Information that is *publicly available*.
- Information that is obtainable from its source within *reasonable time* and cost constraints.
- Information that is *practically reviewable.*

ASTM defines *reasonable time constraints* as information being provided by the source within twenty days of receiving a written request. *Practically reviewable* means that "the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data." Publicly available means "that the source of the information allows access to the information to anyone upon request."

Based on ASTM Standards, the Phase I ESA is not intended to include any sampling and analysis of materials associated with the Site (i.e., soil, water, air, or building materials). However, if it has been noted by Impact Environmental that certain non-scope issues may be of concern to the *user*, a limited sampling and analysis program may be included under the scope of this assessment (lead surface paints and friable asbestos). Radon test results published by the USEPA Office of Radiation and Indoor Air in conjunction with the USGS were reviewed in lieu of sampling.

2.4 User Reliance

This assessment was performed at the request of Allied West Farms (NY) II, LLC utilizing methods and procedures consistent with good commercial or customary practices. This assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-05. The independent conclusions represent the best professional judgment of the Environmental Professional based on the conditions that existed and the information and data available to Impact Environmental during the course of this assignment. Factual information regarding operations and conditions provided by Mr. Robert Frost, owner, or the representative has been assumed to be correct and complete. The report may be distributed and relied upon by Allied West Farms (NY) II, LLC. Reliance on the information and conclusions presented in this report by other party(ies) is not authorized by Impact Environmental.

Project Information:

Contract activation date:	May 23, 2007
Allied West Farms (NY) II, LLC timetable:	3 weeks
Project deadline:	June 13, 2007

3 SITE DESCRIPTION

The Site is currently undeveloped as property for Imperial Iron Works Corporation. The extent of the Site is approximately 41,745 square feet (0.96 acres). At the time of the inspection, the Site did not maintain any permanent structures. The Site used to contain a steel fabrication warehouse. The surface area of the Site consists of asphalt parking areas, concrete walkways, exposed soils, and debris, and steel iron storage.

3.1 Topography

The elevation of the Site, as presented on the United States Geologic Survey (USGS) Central Park Quadrangle Map, approximates fifteen (15) to thirty (30) feet above sea level. The USGS Map, which was base dated 1954, photorevised and field checked in 1966, and photorevised again in 1979, did not depict a structure on the Site (the property is within an area in which only landmark buildings were mapped).

3.2 Subsurface Geology

The Site is located within the New England Uplands physiographic province, which is geologically complex and exhibits moderate topographic relief. Throughout the area, the rocks have been folded, deformed and faulted during the structural upheaval and chemical alterations associated with a plate subduction zone and dynomorthermal metamorphism. The province includes a majority of high-grade metamorphic rocks of Silurian age. These rocks include the Hudson Schist and the Yonkers Gneiss Formations. These rock formations include pelitic schists (sillimanite-garnet-muscovite-biotite-quartz-plagioclase), gneisses and amphiobolites. The province also includes sedimentary (parent) rock types including sandstones, siltstones, limestones, shales and quartz conglomerates.

The majority of the soil characteristics of the county are a function of the glacial geology of Bronx County. The area which now occupies Bronx County was completely covered by a continental glacier, which probably reached maximum thickness about 27,000 years ago. All preglacial landforms were modified by this glaciation and the subsequent deposition of till that occurred when the ice margin withdrew from the county about 14,000 years ago.

The present topographic relief of the county tends to be more subdued than the preglacial relief. The deposition of glacial till directly from the ice has masked most of the original bedrock relief. Many of the preglacial valleys were filled or blocked by glaciolacustrine deposits overlain by glaciofluvial deposits. Consequently, the present drainage systems, while reflecting original patterns, have been extensively altered.

In general, the soil mineralogy of the region correlates to that of the underlying bedrock. Recessional moraines, kames, eskers, crevasse fillings, and other ice contact depositional features occur in the county and cause many localized hydrologic effects.

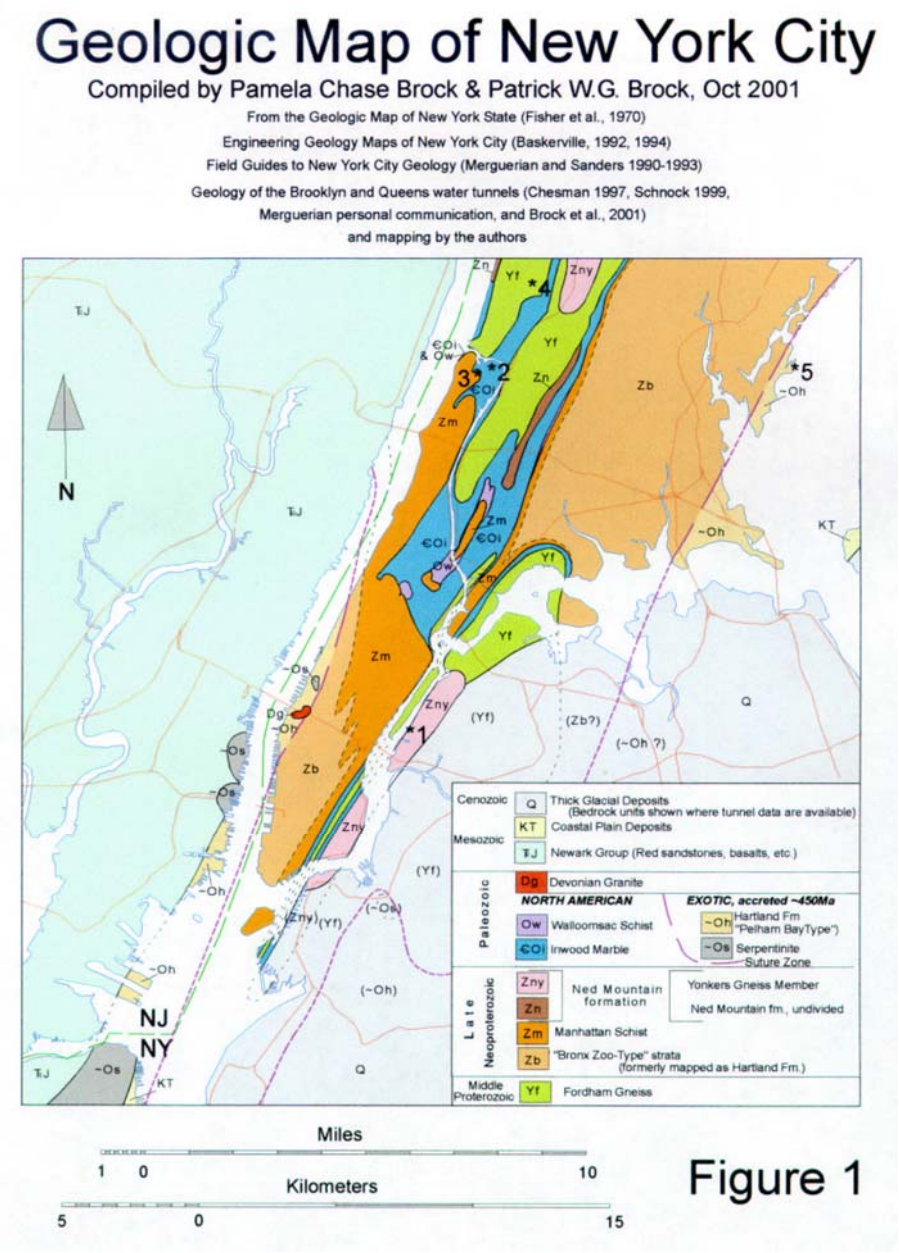


Figure 1

The groundwater resources are in unconfined sand and gravel deposits of glacial origin and in consolidated rock. The unconfined sand and gravel deposits form aquifers that are generally small and restricted to the valley areas. These aquifers recharge rapidly and therefore yield large quantities of water. Bedrock generally yields sufficient quantities of water for individual home or farm needs, but is rarely dependable for large industrial or city supplies. Groundwater obtained from the bedrock aquifers comes from fractures or cracks in the rock mass. The water-bearing properties of the various types of bedrock in the county are almost identical. The carbonates yield the largest water volumes of all of the bedrock types in the region.

3.3 Soil Component Identification

The Site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of the surface is covered with buildings, roads, driveways, parking lots, and other manmade structures. Further classification of the soils in these areas is impractical.

3.4 Hydrology

Regional groundwater flow direction in the area of the Site is convoluted and cannot be properly determined without the installation of groundwater monitoring wells. Based on the proximity of the East River to the South and the Bronx River to the east, it is anticipated that the groundwater flow direction will be either to the south or southeast.

4 SITE VISIT

A site visit was conducted by Christopher O'Leary of Impact Environmental on June 5, 2007, to observe and document site conditions. The site visit was performed accompanied by Mr. R. Scott LaFrazia, the on-site manager. *[Site photographs are included in Appendix A].*

4.1 Interior Inspection

1. At the time of the inspection, the Site did not maintain any permanent structures.

4.2 Exterior Inspection

The exterior of the Site was inspected on June 5, 2007, by staff Environmental Biologist, Christopher O'Leary. Available for this portion of the inspection was Site representative Mr. R. Scott LaFrazia. The inspection of the Site revealed the following information relevant to the environmental quality of the Site:

1. There was several (nine or perhaps more) underground storage tanks (USTs) identified outside the existing warehouse building. Said USTs were identified by the presence of fill and vent pipes along the remaining foundation of the building. The USTs had an unknown capacity and were said to be used for the storage of gasoline and diesel fuel.

2. At least five above ground storage tanks (ASTs) were observed on the Site. Said ASTs had an unknown capacity an appeared to be utilized for gasoline/diesel storage applications. No significant staining was observed on the surface proximal to these ASTs.

3. Several (seven or more) 55 gallon drums were observed on the Site. Said drums appeared to be empty and contained no materials. The area surrounding the drums appeared to display no visual indications of staining.

4. Several steel fright containers were being stored on the Site.

5. A significant amount of debris (bricks, concrete, glass, etc) was observed on the Site.

6. Several used motor vehicle/truck engines and engine parts were observed on the Site.

7. The Site had contained the storage of steel I-beams and steel plates.

8. No electrical transformers suspected of containing PCB bearing dielectric fluid were observed on the Site.

9. There was no visible evidence of the illegal storage or dumping of asbestos containing materials on the Site.

10. One drainage structure of solid construction (catch basin) was observed on the southern portion of the Site. Said catch basin appeared to outfall to the city sewer.

11. Three solid waste containers were located on the Site. Said containers and the areas surrounding said containers appeared to be adequately maintained.

12. All natural scrub vegetation on the Site appeared in good condition relative to seasonal parameters.

13. Surficial petrochemical staining was noted on the asphalt surface of the Site. Said staining appeared to be the result of releases that were below the volume requiring notification of the NYSDEC.

4.3 Surrounding Properties

Land uses occurring on the surrounding properties may have an effect on the environmental quality of the Site. Accordingly, a visual inspection was performed on the properties immediately adjacent to the Site. The following information was noted.

Direction	Land Use	Evidence of any storage, handling, or discharge of hazardous substances
North	1560 Boone Avenue – Ferris, Stahi-Meyer Packing Corporation	None identified from limited visual inspection from property border
East	West Farms Road and beyond by Sheridan Expressway (I-895)	None identified from limited visual inspection from property border
South	172nd Street and beyond by 1508 Boone Avenue (steel manufacture)	None identified from limited visual inspection from property border
West	Boone Avenue and beyond by 1549 Boone Avenue – Coastal Restoration Group, Inc 1529 Boone Avenue – P.C.E. State Restoration, Inc	None identified from limited visual inspection from property border

4.4 Limited Scope Identification of Possible Lead Containing Surface Paints

The element of lead has no function in the body. It can have poisonous effects on human organs and the nervous system, causing a variety of toxic reactions. Since lead accumulates in the body more rapidly than it can be removed, repeated exposures, even to small amounts, may produce lead poisoning. In addition, deteriorating lead components may allow lead to become airborne [CAS# 7439-92-1]. Threshold limit values have been established at 0.15 mg/m^3 (of air) by the American Conference of Governmental Industrial Hygienists. A non-destructive survey was performed. Said survey was not intended to constitute a full lead paint survey, which is beyond the scope of this report.

1. At the time of the inspection, the Site did not maintain any permanent structures..

4.5 Limited Scope Identification of Possible Friable Asbestos Containing Materials

Asbestos has been linked to various types of lung diseases. Various regulatory agencies have tolerance limits of 1% by weight for asbestos in materials. Any material that contains asbestos levels above this limit may be considered hazardous and may have to be abated. A non-destructive survey was performed. Said survey was not intended to constitute a full asbestos survey, which is beyond the scope of this report. The results of the survey are listed below:

1. At the time of the inspection, the Site did not maintain any permanent structures.

4.6 Limited Scope Identification of Possible Mold

As part of this assessment, Impact Environmental performed a limited visual inspection for the significant presence of mold. A class of fungi, molds has been found to cause a variety of health problems in humans, including allergic, toxicological and infectious responses. Molds are decomposers of organic materials which thrive in humid environments and produce tiny spores to reproduce, just as plants produce seeds. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth.

1. At the time of the inspection, the Site did not maintain any permanent structures. Therefore, a visual inspection of mold was not performed.

4.7 Radon Investigation

Radon is a colorless, odorless, inert gas which has become an air contaminant in certain geographic areas. Radon is a natural isotope which is most commonly present in association with crystalline bedrock and occasionally other geologic deposits. Naturally occurring isotope decay can emit radiation, which when converted to radioactive metal oxide deposits in the lungs, causes health concerns from inhalation. Radon levels generally increase in areas where bedrock is close to the land surface, and generally only creates a health related problem where underground basements are constructed. A basement can allow radon gas to accumulate in a manner that could cause exposure. Geographically, radon may be of concern in certain parts of Queens and points further west. Absent these conditions, radon gas presents less of a concern. The only way to determine concretely if radon gas is present is to perform air monitoring. Said monitoring is beyond the scope of this report.

The EPA issued a publication entitled Map of Radon Zones dated September 1993. Said document was prepared by the USEPA Office of Radiation and Indoor Air in conjunction with the USGS. According to said publication, 1123 sites were tested for indoor radon concentrations in the five boroughs of New York City between the years 1985 and 1993. The following information was revealed (based on an action level for radon of 4 pCi/L).

Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
1.4 pCi/L	95%	5%	0%

5 REVIEW OF PROVIDED INFORMATION AND INTERVIEWS

Mr. Robert Frost was requested to provide certain information that is relevant to the environmental quality Site; including site history information, title reports, environmental liens, specialized knowledge; and previous environmental reports. This information was evaluated by Impact Environmental for this Phase I ESA. The following table summarizes the information that was provided by Mr. Robert Frost.

Item	Provided	Not Provided
Phase I Questionnaire	X	
Title Records		X
Environmental Liens or Activity and Use Limitation		X
Specialized Knowledge		X
Valuation Reduction for Environmental Issues		X
Identification of Key Site Manager	X	
Reason for Performing Phase I ESA	X	
Corporate Records		X

5.1 Owner, Property Manager, and Occupant Information

The Site is currently owned by Sedgwick Materials Inc. Mr. Andrew Weiss Jr. was identified as the key on-site contact.

5.2 Title Records

Review of the chain-of-title information is included in the scope of work for this project. The property ownership was researched by Christopher O'Leary of Impact Environmental through the New York City Department of Finance Office of City Register. *[Please see Appenidix F for detailed information]*

At the time of this assessment, Mr. Robert Frost did not provide any title records for the Site. Historic title records were reviewed from the City of New York, but did not reveal any information relevant to the environmental quality of the Site.

5.3 Environmental Liens

The Phase I Questionnaire was completed by Mr. Robert Frost and is included in *Appendix B*. Mr. Frost indicated no knowledge of environmental liens against the Site, or limitations related to the environmental conditions.

5.4 Specialized Knowledge

Mr. Robert Frost completed the Phase I Questionaire and reported no specialized knowledge of HRECs, PCBs, or other *recognized environmental conditions* in the connection with the Site.

5.5 Valuation Reduction for Environmental Issues

Mr. Frost completed the Phase I Questionaire and indicated that the property value or purchase price has not been devalued compared to comparable properties, as a result of environmental conditions at the Site or surrounding properties.

5.6 Corporate Records

At the time of this assessment, the Mr. Robert Frost did not provide any corporate records for the Site.

5.7 Interviews

The interview(s) revealed the following information relevant to the environmental quality of the Site *[See Appendix B].*

Contact Interviewed	Date	Relationship to Site	Relevant Information
Mr. Robert Frost	5/29/07	Future Lender	Phase I ESA Questionnaire
Mr. R. Scott LaFrazia	6/5/07	Attorney	Site Visit / Information

1. According to Mr. Robert Frost, the Site is intended to remain as its present use and may be developed in the future.

2. According to Mr. R. Scott LaFrazia, the Site contains several USTs that used to provide fuel service to the company located on the Site.

3. According to Mr. R. Scott LaFrazia the USTs on the Site were filled with water and capped in the late 1970s.

4. According to Mr. R. Scott LaFrazia the existing warehouse building on the Site was destroyed by a fire in the late 1980s.

6 RECORDS REVIEW

The Freedom of Information Act/Law provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents and items such as video/audio tape recordings, microfilm, and computer disks. Impact Environmental examined relevant government documentation so as to define implicit parameters affecting the environmental quality of the Site. The appropriate Freedom of Information requests were submitted and are included in the appendix of this document.

Information from standard federal, state, county and local environmental record sources was provided by Toxics Targeting Environmental Report, Inc. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facilities locations. These facilities are listed under the unmappables section within the Toxics Targeting Environmental Report.

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Site was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Site Property from the listed facilities. [*Please refer to Appendix C for a complete listing]*

6.1 Federal Environmental Record Review

A Freedom of Information request was submitted to the United States Environmental Protection Agency (EPA). A response has not been received to date. *Environmental Protection Agency (EPA) [See Appendix D]*

6.1.1 National Priorities List (NPL)

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

1. The Site is not listed as a NPL facility.
2. No NPL sites are located within one-mile of the Site.

6.1.2 CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

1. The Site is not listed as a CERCLIS facility.
2. No CERCLIS sites are listed within ½-mile of the Site.

6.1.3 Federal CERCLIS NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

1. The Site is not listed as a CERCLIS-NFRAP facility.
2. No CERCLIS-NFRAP sites are listed within ½-mile of the Site.

6.1.4 Federal Resource Conservation & Recovery Act (RCRA) CORRACTS Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The CORRACTS database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

1. The Site is not listed as a RCRA CORRACTS TSD facility.
2. No RCRA CORRACTS TSD facilities are listed within one-mile of the Site.

6.1.5 Federal Resource Conservation & Recovery Act (RCRA) TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

1. The Site is not listed as a RCRA TSD facility.
2. No RCRA TSD sites are listed within ½-mile of the Site.

6.1.6 Federal Resource Conservation & Recovery Act (RCRA) Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

1. The Site is not listed as a RCRA facility.
2. No RCRA Generator facilities are listed on the adjacent properties.

6.1.7 Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported release of oil or hazardous substances.

1. No ERNS sites are listed on the Site or on the adjacent properties.

6.2 State Environmental Record Review

A Freedom of Information request was submitted to the New York State Department of Environmental Conservation (DEC). A response has not been received to date.
New York State Department of Environmental Conservation (NYSDEC) [See Appendix E]

6.2.1 Inactive Hazardous Waste Disposal Sites

New York's Inactive Hazardous Waste Disposal Site Registry is also known as the State Superfund. According to State authorities, these active or abandoned sites can pose serious environmental or health hazards that require investigation or clean up. Sites include toxic dumps, garbage landfills, factories, dry cleaners or illegal disposal sites that have caused extensive air, water, groundwater or soil contamination.

Classification System:

- Class 1 - Causing or presenting an imminent danger of causing irreversible or irreparable damage to public health or the environment - immediate action required.
- Class 2 - Significant threat to the public health or environment - action required.
- Class 2a – This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law.
- Class 3 - Does not present a significant threat to the environment - action may be deferred.
- Class 4 - Site properly closed - requires continual management.
- Class 5 - Site properly closed, no evidence of present or potential adverse impact - no further action required.
- Class D1, D2, D3 – Delisted Site (D1-Hazardous waste not found; D2-Remediated; D3-Consolidated site or site incorrectly listed)

1. The Site is not listed as an inactive hazardous waste disposal site.
2. There are no sites within a one-mile radius of the Site that appear in the NYSDEC publication, Inactive Hazardous Waste Disposal Sites in New York State.

6.2.2 Hazardous Substance Waste Disposal Sites

These properties often pose serious environmental or health hazards, but they may have been low priorities for investigation or clean up because on-site contamination may not constitute "hazardous waste." Sites include utility coal tar facilities, wood tar sites and properties polluted with petroleum that have caused extensive air, water, groundwater or soil contamination.

1. The Site is not listed as a hazardous waste disposal site.
2. There are no sites within a ½-mile radius of the Site that appear in the NYSDEC publication, Hazardous Substance Waste Disposal Site Study.

6.2.3 Brownfield Sites

These properties are a listing of site that are abandoned, idled, or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. The Voluntary Cleanup Program involves hazardous waste sites that have had their listing in the (above referenced publication) deferred while being investigated and remediated voluntarily under NYSDEC supervision. Coal tar sites may have previously been listed in the publications, but they were removed as a result of a Departmental legal review that revealed that most coal gasification wastes do not meet the New York State definition of hazardous waste. These sites are currently being investigated and remediated in conjunction with the regional utility companies, and it is possible that some of these sites may qualify as hazardous waste sites as information becomes available. In addition, the NYSDEC lists sites that fall under the 1996 Clean Water / Clean Air Bond Act Environmental Restoration Program (Brownfields Program). The Brownfields Program involves sites that are currently vacant or only partially utilized, have an industrial or commercial history, and are suspected or confirmed to have soil and / or groundwater contamination

1. The Site is not listed as Environmental Restoration Program (Brownfields Program) site.
2. There are no sites within a ½-mile radius of the Site that appear in the NYSDEC Brownfields Cleanup Program.
3. There is one site within a ½-mile radius of the Site that appears in the NYSDEC Voluntary Cleanup Program listing.

Name: CE- East 173rd Street – Bronx Works Address: West Farms Road and Bronx River
Located: 563 feet to the east-northeast of the Site
Facility ID: V00552

6.2.4 Historic Utility Facilities

These are power generating structures, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

1. The Site is not listed as an NYSDEC Historic Utility Facility.
2. There are no sites within a one-mile radius of the Site that appear in the NYSDEC Historic Utility Facility listing.

6.2.5 Solid Waste Management Facilities

The NYSDEC maintains a listing of all registered and permitted landfills, transfer stations, and solid waste disposal sites within New York State. A review of this listing has revealed the following information relevant to the environmental quality of the Site:

1. The Site is not listed as a Solid Waste Management Facility.
2. There are no sites within a ½-mile radius of the Site that appear on the listing.

6.2.6 State Pollutant Discharge Elimination System Permits (SPDES)

In 1973, New York passed the State Pollutant Discharge Elimination System (SPDES) Act, which provides for state permits for point source discharges to surface and ground waters. The USEPA delegated authority to NYSDEC to regulate the issuance of all National Pollution Discharge Elimination Systems (NYPES) permits as stipulated under sections 307, 318, 402, and 405 of the Clean Water Act, under the state SPDES program. A review of SPDES permit listings in New York City revealed the following information relevant to the environmental quality of the Site:

1. No SPDES permits are listed for the Site.
2. No SPDES permits are listed for the contiguous with the Site.

6.2.7 Major Oil Storage Facilities (MOSF)

Major Oil Storage Facilities have at least 400,000 gallons of storage capacity (as per Article 12 of the Navigation Law, 6 NYCRR Part 610, and 17 NYCRR Part 30) and often experience leaks, spills or other uncontrolled releases that can cause extensive air, water, groundwater or soil contamination that threatens

the environment or the public health. Please note that New York has withheld public release of this database since January 2002.

1. The Site did not appear on the MOSF listing.
2. There are no sites within a ½-mile radius of the Site that appear on the MOSF listing.

6.2.8 Chemical Bulk Storage (CBS) Sites

Sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size. It should be noted that New York has withheld public release of this database since January 2002.

1. The Site did not appear on the CBS listing.
2. There is one site within ¼-mile of the Site that appears on the CBS listing.

Name: Adhesive Products

Address: 1660-1668 Boone Avenue

Located: 599 feet to the north-northeast of the Site

Facility ID: 2-000246

Tank #	Status	Content	Capacity (gallon)	Location	Installed Date	Closed Date
01	Closed – In Place	Ethyl Acetate	550	Underground	03/42	04/92
02	Closed – In Place	Ethyl Acetate	550	Underground	03/42	04/92
05	Closed – In Place	Methyl Ethyl Ketone	550	Underground	03/42	04/92
06	Closed – In Place	Methyl Ethyl Ketone	550	Underground	03/42	04/92
13	Closed – In Place	Toluene	550	Underground	03/42	04/92
14	Closed – In Place	Toluene	550	Underground	03/42	04/92
15	Closed – In Place	Toluene	550	Underground	03/42	04/92
16	Closed – In Place	Toluene	550	Underground	03/42	04/92
17	Closed – In Place	Toluene	550	Underground	03/42	04/92
18	Closed – In Place	Toluene	550	Underground	03/42	04/92
21	Closed – In Place	Toluene	1,500	Underground	03/42	04/92
22	Closed – In Place	Toluene	1,500	Underground	03/42	04/92
23	Closed – In Place	2-propanone	1,500	Underground	03/42	04/92
24	Closed – In Place	2-propanone	1,500	Underground	03/42	04/92
25	Closed – In Place	Toluene	1,500	Underground	03/42	04/92
26	Closed – In Place	Toluene	1,500	Underground	03/42	04/92

6.2.9 Petroleum Bulk Storage (PBS) Sites

These are sites with more than a 1,100 gallon capacity for storing petroleum products. It should be noted that New York has withheld public release of this database since January 2002.

1. The Site did not appear on the PBS listing.
2. Ten sites are listed on the PBS database within ⅛-mile of the Site. One site is noted to be contiguous with the Site.

Name: Ferris Stahl Meyer Packing Address: 1560 Boone Avenue						
Located: 327 feet to the north-northeast of the Site						
Facility ID: 2-605285						
Tank #	**Status**	**Content**	**Capacity (gallon)**	**Location**	**Installed Date**	**Closed Date**
001	In service	#1 2 or 4 Fuel Oil	10,000	Aboveground	-	-

6.2.10 Spill Logs

The New York State Department of Environmental Conservation routinely responds to petroleum product spill/discharge incidents so as to perform and/or supervise in their remediation. The agency currently maintains a log (Spill Log) of all reported incidents that have occurred within specific regions of the State of New York. Typical events that would be listed on the log include motor vehicle accidents involving the release of petroleum products; discharges of petroleum products from underground storage tanks; discharges of PCB contaminated oils from electrical transformers; and events involving the abandonment of petroleum products. A review of the NYSDEC Spill Log revealed the following information relevant to the environmental quality of the Site.

1. There are no spill incidents listed in the NYSDEC Spill Log as having occurred on the Site.
2. There are a significant number of spill incidents listed in the NYSDEC Spill Log as having occurred within ½-mile of the Site. Accordingly, the *approximate minimum search distance* (as defined by ASTM) was reduced to ¼-mile in order to make the data *practically reviewable*. Twenty-five spill incidents are listed in the NYSDEC Spill Log as having occurred within ¼-mile of the Site *[see Appendix C].* Review of these incidents has revealed that fourteen are listed as having occurred between ¼ to ⅛-mile, and eleven are listed as having occurred within ⅛-mile.

The remaining spill incidents are not considered to have significantly impacted the environmental quality of the Site. This determination was made based on such factors as the local groundwater flow direction, the spill incident statuses, the quantities of materials spilled, the distances between the spill sources and the Site, and the resources affected.

6.3 City Environmental Record Review

New York City Department of Environmental Protection; New York City Fire Department; New York City Building Department [See Appendix F]

6.3.1 New York City Department of Environmental Protection

The Bureau of Water Pollution Control and the Bureau of Sewers of the New York City Department of Environmental Protection has put forth the document, Rules and Regulations Relating to the Use of the Public Sewers, Including Sewer Surcharges, pursuant to Section 1403 of the New York City Charter and by Sections 683a4-1.0 through 683a4-19.0, 687-1.0 and 689-1.0 of the Administrative Code of the City of New York and in compliance with Section 1105 of the New York City Charter. This document covers such topics as the disposal of wastewater, stormwater, and groundwater, the materials and substances excluded from public sewers, the toxic substances accepted conditionally, the terms and conditions for the issuance of a permit, the removal, transportation, and disposition of scavenger wastes, and the imposition and computation of sewer surcharge. The New York City DEP was contacted regarding the Site. The following information was made available:

1. A Freedom of Information request was submitted for the Site, but no response has been received to date.

6.3.2 New York City Fire Department

The New York City Fire Department oftentimes maintains records of underground storage tanks and the storage of hazardous materials. The New York City Fire Department was contacted about the Site and provided the following information:

1. A Freedom of Information request was submitted for the Site, but no response has been received to date.

6.3.3 New York City Building Department

The New York City Building Department maintains records regarding permits issued for the construction of a building, renovations of the building, boiler specifications, and violations. The department also maintains a record of those lots with an "E" designation on the Zoning Maps of the Zoning Resolution of the City of New York for potential hazardous material contamination ("haz-mat E lots"), as determined by the NYCDEP. Lots with said designation may not be issued a building permit allowing: 1) any development; 2) an enlargement, extension or change of use involving residential or community facility use; or 3) and enlargement that disturbs the soil on said lot unless and until the Department is provided with a report from DEP stating that the environmental requirements for the lot have been met. The New York City Building Department was contacted about the Site and provided the following information:

1. The Site was not listed with an "E" designation.

2. The Site was listed as a G2- Garage/ Gas Station in the NYC Building Department database.

3. The following Environmental Control Board (ECB) Violations were on file for the Site.

ECB #	Issued Date	Issues of Concerns
34233638H	05/05/2000	Miscellaneous Construction Violations of the Zoning Resolution
34385716R	04/07/2003	Miscellaneous Construction Violations

4. The following Certificates of Occupancy were on filed for the Site.

CO #	Issued Date	Issues of Concerns
2007	4/1945	First – Storage of Combustible Supplies
17559	11/1955	Vacant Lot – Paring lot for more than five motor vehicles
42492	4/1967	Commercial Vehicle storage establishment including motor fuel pumps. Use group 16 and motor vehicle repair shop use group 16 including body repairs.
42867	8/1967	Parking lot, public; for less than one-hundred (100) cars
42991	10/967	Parking tot, public; for less than one-hundred (100) cars

5. No New Building permits were on file for the Site.

6. No other records of any environmental concerns were on file for the Site.

7 REVIEW OF HISTORIC DATA

7.1 Sanborn Maps

The Sanborn Maps were created to inform fire fighters of potential dangers based on land use and building construction. Said maps were also used for fire insurance purposes. These maps are updated on a rotating basis. The maps were inspected to determine past uses of the Site and surrounding properties. The Sanborn Maps for the Site revealed the following information *[See Appendix G].*

Year	*Site Historic Uses*
1896	The Site appears to maintain approximately eight structures and a cemetery.
1901	The Site appears to maintain a store, stable, and approximately nine other structures.
1915	The Site appears to maintain 12 dwellings, 2 stores, a co-op and a contractor building.
1951	The Sites appears to maintain 6 dwellings, 1 store, 1 shed, 5 private automobile garages, a machine shop and office, an auto repair shop, another machine shop, a vacant building, 2 offices, and the Plymouth Rock Provision Factory.
1977	The Site appears to maintain parking and a garage that has a capacity of 50 cars which also has a 1 – 550 gallon buried gasoline tank.
1989	The Site appears to maintain a parking lot and warehouse.

Direction	1901 - Surrounding Property Uses
North	The properties appear to be stores and dwellings.
East	West Farms Road is visible. The properties beyond appear to be the Union Railway Power House.
South	East 172nd Street is visible. The properties beyond stores and a mill.
West	Boone Street is visible. The properties beyond appear to be vacant lots.

Direction	1915 - Surrounding Property Uses
North	The properties appear to be stores and dwellings and vacant lots.
East	West Farms Road is visible. The properties beyond appear to be the Builders Brick & Supply Company.
South	East 172nd Street is visible. The properties beyond by a mill, lumber shed, and stores.
West	Boone Street is visible. The properties beyond appear to be vacant lots.

Direction	1951 - Surrounding Property Uses
North	The properties appear to be the Plymouth Rock Provision Factory and cabinet manufacture.
East	West Farms Road is visible. The properties beyond appear to be auto parts store and auto wrecking.
South	East 172nd Street is visible. The properties beyond are stores and an iron works.
West	Boone Street is visible. The properties beyond appear to be manufacturing and garages.

Direction	1977 - Surrounding Property Uses
North	The properties appear to be the Plymouth Rock Provision Factory.
East	West Farms Road is visible. The properties beyond appear to be the Sheridan Expressway.
South	East 172nd Street is visible. The properties beyond are stores and an iron works.
West	Boone Street is visible. The properties beyond appear to be manufacturing and garages.

Direction	1989 - Surrounding Property Uses
North	The properties appear to a manufacture.
East	West Farms Road is visible. The properties beyond appear to be auto parts store and auto wrecking.
South	East 172nd Street is visible. The properties beyond are stores and iron works.
West	Boone Street is visible. The properties beyond appear to be manufacturing and garages.

8 EVALUATION OF DATA AND RECOMENDATIONS

An evaluation of the data obtained under the scope of this Phase I ESA was performed to identify recognized environmental conditions associated with the Site. The evaluation included a review of the reasonably ascertainable data collected under the scope of this assessment. The evaluation considered the significance of data gaps that were inherent to site-specific sources of information consulted for this Phase I ESA. The absence of certain information can affect the ability of the environmental professional to identify recognized environmental conditions; and is considered a data gap. A data gap is the lack of or inability to obtain information required by the All Appropriate Inquiries ruling despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site visit, user-provided information, available sources of historic information and interviews.

8.1 Data Gaps

1. Responses to the Freedom of Information requests submitted to the United States Environmental Protection Agency, the New York State Department of Environmental Conservation, the New York City Department of Environmental Protection, and the New York City Bureau of Fire Prevention has not been received to date. In addition, the chain-of-title records were not provided at the time of this assessment. This absence of this information represents a data gap.

8.2 Recommended Phase I ESA Activities

1. Response to the Freedom of Information request submitted to the United States Environmental Protection Agency, the New York State Department of Environmental Conservation, the New York City Department of Environmental Protection, and the New York City Bureau of Fire Prevention has not been received to date. ASTM establishes that a diligent Phase I Environmental Site Assessment must consider all information obtained from a public agency within twenty days of receipt of a Freedom of Information request. Accordingly, information obtained from the above-mentioned agencies before the twenty day period has passed will be addressed in an addendum to this assessment.

8.3 Recommended Phase II ESA Activities

1. Review of historical Sanborn maps revealed that the Site has maintained over 10 dwellings, numerous stores, a shed, several private automobile garages, a cemetery, a machine shop and office, an auto repair shop (circa 1951), another machine shop, a vacant building, several offices, the Plymouth Rock Provision Factory (circa 1951), a warehouse, and a garage that had a buried gasoline tank (circa 1977). The Site is presently an undeveloped lot being used for the storage of equipment and steel materials. During the Site inspection, fill/vent pipes (nine or more) were observed next to the foundation of the old warehouse. The former land uses, the buried tanks, and the poor housekeeping practices observed on the Site have created the potential for organic and inorganic contaminants to have impacted the Site. In addition, the lack of documentation available for review regarding the underground storage tanks also represents *recognized environmental condition*. Accordingly, a ground penetrating radar survey is recommended to locate the underground storage tanks associated with the former on-site operations. Furthermore, a limited subsurface investigation is recommended to determine if the environmental quality of the Site has been adversely impacted by former on-site activities.

2. Several off-site confirmed or potential contamination sources were identified to exist within the ASTM search radius. However, according to the USEPA Small Business Liability Protection Act indicates that "a person that owns real property that is contiguous to or otherwise similarly situated with respect to, and that is or may be contaminated by a release or threatened release of a hazardous substance from, real property that is not owned by that person shall not be considered to be an owner or operator of a vessel or facility under paragraph (1) or (2) of subsection (a) solely by reason of the contamination if— "(i) the person did not cause, contribute, or consent to the release or threatened release; "(ii) the person is not— "(I) potentially liable, or affiliated with any other person that is potentially liable, for response costs at a facility through any direct or indirect familial relationship or any contractual, corporate, or financial relationship (other than a contractual, corporate, or financial relationship that is created by a contract for the sale of goods or services); or "(II) the result of a reorganization of a business entity that was potentially liable; "the person takes reasonable steps to "(I) stop any continuing release; "(II) prevent any threatened future release; and prevent or limit human, environmental, or natural resource exposure to any hazardous substance released on or from property owned by that person; "(iv) the person provides full cooperation, assistance, and access to persons that are authorized to conduct response actions or natural resource restoration at the vessel or facility from which there has been a release or threatened release (including the cooperation and access necessary for the installation, integrity, operation, and maintenance of any complete or partial response action or natural resource restoration at the vessel or facility); "(v) the person— "(I) is in compliance with any land use restrictions established or relied on in connection with the response

action at the facility; and integrity of any institutional control employed in "(II) does not impede the effectiveness or connection with a response action; "(vi) the person is in compliance with any request for information or administrative subpoena issued by the President under this Act; "(vii) the person provides all legally required notices with respect to the discovery or release of any hazardous substances at the facility; and "at the time at which the person acquired the property, the person— "(I) conducted all appropriate inquiry within the meaning of section 101(35)(B) with respect to the property; and "(II) did not know or have reason to know that the property was or could be contaminated by a release or threatened release of one or more hazardous substances from other real property not owned or operated by the person." Accordingly, additional Phase II activities are recommended to identify any potential contamination on the Site that may be acting as a contributing source to the underlying groundwater contamination; and determine what, if any, impacts to groundwater quality on the Site have occurred resulting from the above referenced off-site sources.

8.4 Recommended Remedial Activities

1. No remedial activities are recommended at this time.

8.5 Recommended Compliance Activities

1. Excavation activities associated with the redevelopment of the Site may encounter the presence of structures related with former buildings (i.e. USTs) and/or urban fill material that may require specialized disposal under applicable regulations. Urban fill found throughout the New York metropolitan area is considered a regulated waste in the State of New York and is therefore required to be managed in accordance with the State Solid Waste Regulations. This would require that all impacted soil be excavated, handled, transported and disposed of in accordance with a Waste Material Handling Plan. Furthermore, a UST removal contingency plan should be prepared prior to any excavation of the Site.

2. If the storage tanks (ASTs, USTs, drums, etc) are planned to be removed as part of the building rehabilitation, they should be properly abandoned in accordance with NYSDEC PBS regulations.

3. All debris observed on the Site should be removed from the premises and disposed of in accordance with the New York State solid waste regulations (6 NYCRR Part 360).

9 CONCLUSIONS

This report has been prepared for the sole benefit of Allied West Farms (NY) II, LLC. The report may not be relied upon by any other person or entity without the express written consent of Impact Environmental and Allied West Farms (NY) II, LLC. Where applicable, the assessment included a thorough visual inspection of the property, the examination of reasonably ascertainable records concerning the current and prior uses of the Site, and interviews with the current owners and/or operators of the Site. The findings presented in this site assessment are based on data obtained under the scope of this investigation. The conclusions represent the professional judgment of qualified Impact Environmental staff members using available information.

Impact Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 1544 Boone Avenue, Bronx, New York, the Site. Any exceptions to, or deletions from, this practice are described in Section 2.2 of this report. This assessment has revealed evidence of recognized environmental conditions associated with the Site (see Phase II Recommendation Activities in Section 8.3). In addition, the recommended Phase I ESA and compliance activities should be performed as outlined in Section 8.2 and 8.5.

I certify that this assessment was performed under my direction and supervision, that I have reviewed and approved the report, and that the methods and procedures employed in the development of the report conform to industry standards. I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR part 312.

IMPACT ENVIRONMENTAL

Kevin Kleaka
Environmental Professional

Christopher O'Leary
Environmental Biologist

10 REFERENCES

1. The Basic Guide to Environmental Inspections. Environmental Assessment Association, undated.

2. EPA's Map of Radon Zones, New York. Air and Radiation Division, United States Environmental Protection Agency, September, 1993.

3. Feasibility Study For Use of the Brooklyn Queens Aquifer as an Additional Potable Water Supply. Malcolm Pirnie, Inc., White Plains, New York, March 1999.

4. Long Island Region Water Resources Management Study. Division of Water, New York State Department of Environmental Conservation, March, 1988.

5. Sanborn Fire Insurance Maps From the Sanborn Map Company Archives. Us Library of Congress.

6. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM Designation E 1527 - 05. The American Society for Testing and Materials, West Conshohocken, Pennsylvania, November 2006.

7. E 2091 Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls *Federal Statutes:* Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization

8. Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfields Amendments"), 42 U.S.C. §§9601 *et seq*.

9. Emergency Planning and Community Right-To-Know Act of 1986 ("EPCRA"), 42 U.S.C. §§11001 *et seq*.

10. Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048

11. Resource Conservation and Recovery Act as amended ("RCRA"), 42 U.S.C §6901 *et seq*.

12. "All Appropriate Inquiry" Final Rule, 40 C.F.R. Part 312

13. Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399

14. National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300

15. OSHA Hazard Communication Regulation, 29 C.F.R. §1910.1200

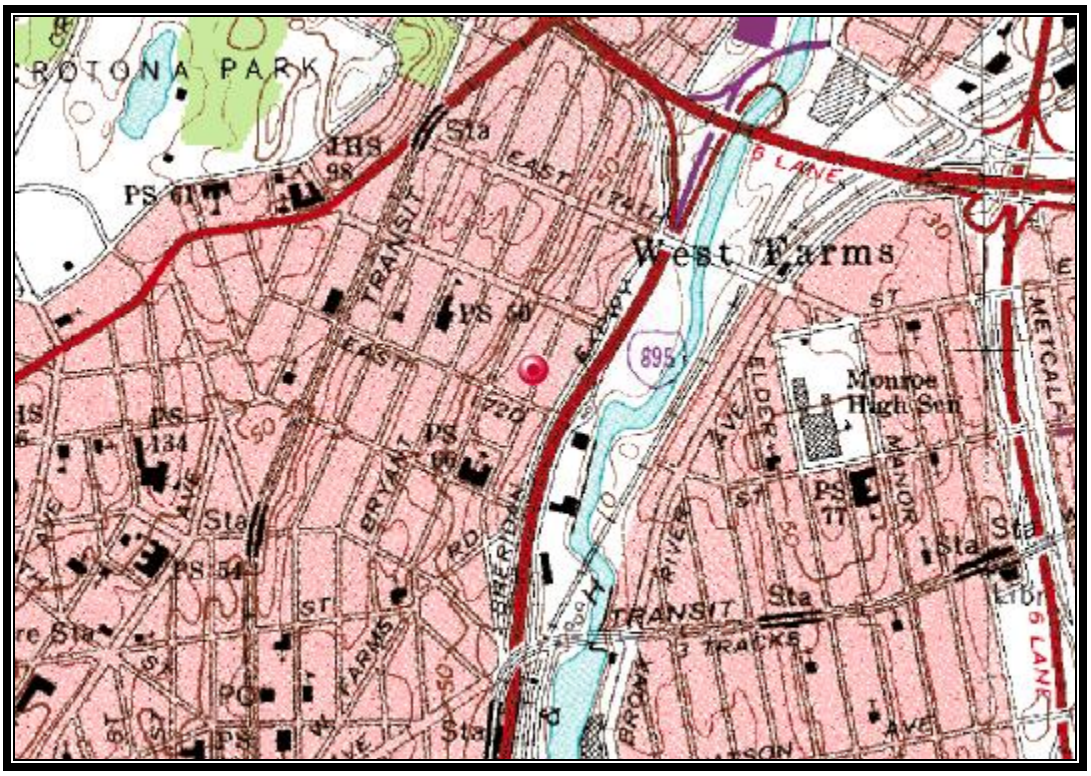
11 DISCLAIMER

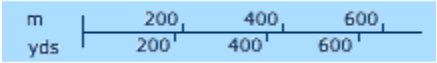
The purpose of this investigation was to identify potential sources of contamination at the Site, and to satisfy the all appropriate inquiry standard set forth by CERCLA liability and establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as "land owner liability protections" or "LLPs") and the Brownfield Revitalization and Brownfield Act. The findings and conclusions set forth in this report are based upon information that was available to Impact Environmental during its inspection of the property. If new information becomes available concerning the property after this date, or if the property is used in the future in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, Impact Environmental can not guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject the Client to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, which was beyond the scope of this investigation.

Impact Environmental
Environmental Site Assessment

Plate 1: Site Topographic Map

Site Topographic Map
Bronx, New York





CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5 – FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET – DATUM IS MEAN LOW WATER

Impact Environmental
Environmental Site Assessment

Plate 2: Site Location Map

Site Location Map
1544 Boone Avenue
Bronx, New York

Impact Environmental
Environmental Site Assessment

Appendices

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Environmental Site Assessment

Appendix A
Site Photos

PHOTO LOG

Photo 1: *View of the northwestern portion of the Site (former building location).*

Photo 2: *View of the northeaster portion of the Site.*

Photo 3: *View of the eastern portion of the Site.*

Photo 4: *View of the southeastern portion of the Site.*

Photo 5: *View of the southwestern portion of the Site.*

Photo 6: *View of the vent/fill pipes on the eastern foundation wall of the existing building.*

Photo 7: *View of the bricks, glass, and debris located in the southwestern portion of the Site.*

Photo 8: *View of a waste container and a 55 gallon drum on the Site.*

Photo 9: *View of another waste container and more debris on the Site.*

Photo 10: *View of another 55 gallon drums and several used batteries on the eastern part of the Site.*

Photo 11: *View of used engines and vehicle parts on the eastern part of the Site.*

Photo 12: *View of three gasoline/diesel storage tanks on the Site.*

Photo 13: *View of several of the steel I-beams on the Site.*

Photo 14: *View of more 55 gallons drums on the Site.*

Photo 15: *View of steel storage containers on the eastern part of the Site.*

Photo 16: *View of two – 250 gallon ASTs with unknown contents on the southeastern part of the Site.*

Photo 17: *View of the drain connecting to the public sewer system on the southern part of the Site.*

Photo 18: *View of more debris and steel on the eastern part of the Site.*

Photo 19: *View of the Packing Corporation contiguous to the north of the Site.*

Photo 20: *View of the Restoration Companies beyond Boone Avenue to the west of the Site.*

Photo 21: *View of southern property line of the Site.*

Photo 22: *View of the buildings beyond 172nd Street to the south of the Site.*

Photo 23: *View of the eastern property line of the Site.*

Photo 24: *View of West Farms Road and beyond by the Sheridan Expressway (I-895) to the east of the Site.*

Photographic Log

Photograph #1

Photograph #2

Photograph #3

Photograph #4

Photograph #5

Photograph #6

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

Photographic Log

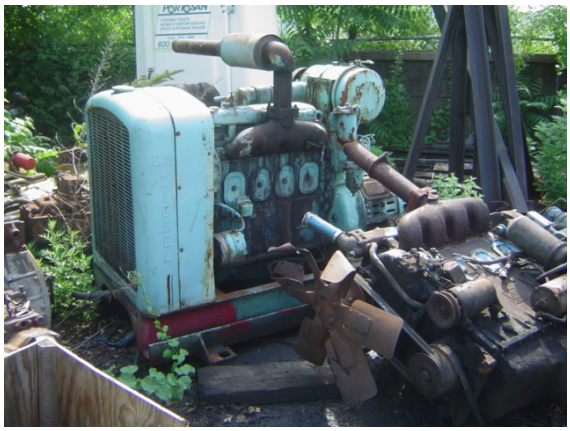
Photograph #7

Photograph #8

Photograph #9

Photograph #10

Photograph #11



Photograph #12

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

Photographic Log

Photograph #13

Photograph #14

Photograph #15

Photograph #16

Photograph #17

Photograph #18

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

Photographic Log

Photograph #19

Photograph #20

Photograph #21

Photograph #22

Photograph #23

Photograph #24

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

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Environmental Site Assessment

Appendix B
Interview Documentation

Long Island | 170 Keyland Court | Bohemia, NY 11716 | Tel: 631.269.8800 Fax: 631.269.1599

Manhattan | 1560 Broadway, 10th Floor, Suite 1024 | New York, NY 10036 | Tel. 212.201.7905 Fax: 212.201.7906

www.impactenvironmental.com

PHASE I QUESTIONNAIRE

In order to qualify for one of the *Landowner Liability Protections (LLPs)*[35] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*")[36], the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

In addition, certain information should be collected, if available, and provided to the *environmental professional* selected to conduct the Phase I. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

1. Why is the Phase I required?

   Prospective Tenant for long-term ground lease

2. What type of Site and type of Site transaction? (i.e. sale, purchase, exchange, etc.)

   Unimproved land ("rock"); long-term ground lease

3. What is the complete and correct address for the Site? (a map or other documentation showing Site location and boundaries is helpful).

   1544 Boone Avenue, Bronx, NY
   Block: 3014, Lot 9

4. Are their any other scope of services desired for the Phase I beyond the requirements of Practice E 1527 are to be considered?

5. What are future plans for the Site? (remain as is, demolition, construction, etc) If development changes are to be completed please include a site plan/survey.

   The site may be improved in the future with the construction of a new building.

6. Identification of all parties who will rely on the Phase I report..

   Allied West Farms (NY) II LLC (Tenant)
   Future lender

7. Identification of the site contact and how the contact can be reached.

Please contact Andrew M. Weiss, Jr. of Signature Partners LLC at 212 813 3567

8. Are their any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

Don't know

9. Are their any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Don't know

10. As the user of this ESA do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining Site so that you would have specialized knowledge of the chemicals and processes used by this type of business?

we are told that there are sealed underground tanks that were sealed over 20 yrs ago. Landlords records were destroyed.

11. Does the purchase price being paid for this Site reasonably reflect the fair market value of the Site? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Site?

Fair market transaction

12. Is their any commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the Site?

Lot for steel company

(b.) Do you know of specific chemicals that are present or once were present at the Site?

No

(c.) Do you know of spills or other chemical releases that have taken place at the Site?

No

(d.) Do you know of any environmental cleanups that have taken place at the Site?

See #10 above.

13. As the user of this ESA, based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

See #10 above

14. Any special terms and conditions which must be agreed upon by the environmental professional?

No

15. Any other knowledge or experience with the Site that may be pertinent to the environmental professional

Examples including but not limited to:
Site plans, site maps, site surveys, environmental site assessment/compliance reports, permits, registration and/or removal documents for tanks (AST/UST), disposal records, chemical storage records, letters from regulatory agencies, e-designations, etc

16. Additional information?

Signature: _____ Date: 5/29/2007

Title: Member

---

[35] *Landowner Liability Protections*, or *LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet In Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Site Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Common Elements*" Guide) issued on March 6, 2003.

[36] P.L. 107-118.

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Environmental Site Assessment

Appendix C
Environmental Regulatory Database Review / Search

Toxics Targeting Environmental Report

1544 Boone Avenue
Bronx, NY 10460

May 29, 2007

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

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If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

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PLEASE REFER TO PAGES ONE AND FOUR FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

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- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

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- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites Ranked by Proximity*
- *Table Four: Identified Toxic Sites By Category*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
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- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

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Section Three: Appendices

- *NYC Fire Marshall Tank Check*
- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

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Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report*. It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

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

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

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

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

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

The Three Sections Of Your Report

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

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

The third section of the report contains appendices that identify: **1)** On-site tank data provided by the NYC Fire Marshall, **2)** on-site spills reported to the national Emergency Response Notification System (ERNS), **3)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **4)** codes that characterize hazardous wastes reported at various facilities, **5)** methods used to map toxic sites identified in your report and **6)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of <u>identified sites by distance intervals</u>.

- Check Table Two to see identified sites sorted by <u>direction</u>.

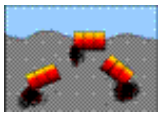
- Check Table Three to see identified sites ranked by <u>proximity to the target address</u>.

- Check Table Four to see identified sites <u>sorted by site categories</u>.

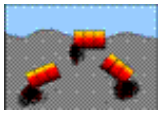
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

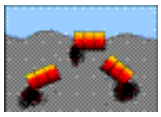
Search Radius

One-Mile 

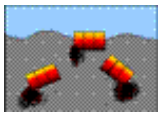
1) ***National Priority List for Federal Superfund Cleanup****:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile 

2) ***Delisted National Priority List Sites****:* a listing of NPL sites that have been removed from the National Priority List.

One-Mile 

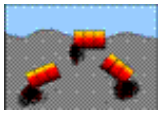
3) ***New York Inactive Hazardous Waste Disposal Site Registry****:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

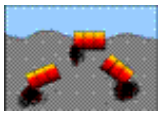
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying****:* a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile

5) ***RCRA Corrective Action Activity (CORRACTS):*** waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile 

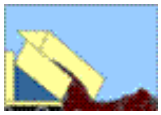
6) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile 

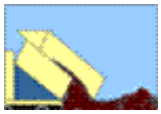
7) ***CERCLIS NFRAP:*** a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile

8) ***New York State Brownfield Cleanup Sites****:* a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile 

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

Half-Mile 

10) ***New York City 1934 Solid Waste Sites****:* a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile

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

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Half-Mile

12) ***Toxic Spills: active and inactive or closed*** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile

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

Eighth-Mile

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

Eighth-Mile

15) ***New York and Federal Hazardous Waste Generators and Transporters****:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

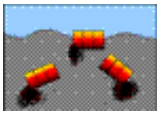
Eighth-Mile

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

Eighth-Mile

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

Half-Mile



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

Eighth-Mile

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

Eighth-Mile

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

Eighth-Mile

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

Eighth-Mile

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

On-site only (250 ft)

23) ***New York City Environmental Quality Review (CEQR) – E Designation Sites****:* parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only

24) ***New York City Fire Marshall Tanks****:* tank data.

Property only

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

Limitations Of The Information In Your Report

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

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

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

- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;

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

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

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

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

Section One:

Report Summary

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

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site Category Totals
ASTM-Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	0	0
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM-Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non-NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	1	0	0	Not searched	1
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	0	0	Not searched	0
Solid Waste Facilities - NYSDEC Solid Waste Landfills	0	0	0	0	Not searched	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	2	Not searched	2
Active Tank Test Failures	0	0	1	2	Not searched	3
Active Spills - Unknown / Other Causes	0	1	0	5	Not searched	6
Active Spills - Miscellaneous Causes	0	3	0	1(9)	Not searched	4(9)
Closed Tank Failures	0	1	2	4	Not searched	7
Closed Tank Test Failures	0	0	0	9	Not searched	9
Closed Spills - Unknown / Other Causes	0	4	8	45	Not searched	57
Closed Spills - Miscellaneous Causes	0	5	0(7)	9(62)	Not searched	14(69)
ASTM-Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	10	Not searched	Not searched	Not searched	10
RCRA Hazardous Waste Generators & Transporters	0	6	Not searched	Not searched	Not searched	6
NYS Chemical Bulk Storage Sites	0	1	Not searched	Not searched	Not searched	1
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM-Required On-Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
NYC Fire Marshal Tank Sites	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM-Required Databases Distance Interval Totals	**0**	**32**	**11(7)**	**77(71)**	**0**	**120(78)**

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

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search						
Solid Waste Facilities - 1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0
Non-ASTM Databases 1/8 Mile Search						
Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	0	Not searched	Not searched	Not searched	0
Civil & Administrative Enforcement Docket Facilities	0	2	Not searched	Not searched	Not searched	2
Non-ASTM Databases Distance Interval Totals	**0**	**2**	**0**	**0**	**Not Searched**	**2**
Distance Interval Totals	***0***	***34***	***11(7)***	***77(71)***	***0***	***122(78)***

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

Identified Toxic Sites by Direction

1544 Boone Avenue
Bronx, NY 10460

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

Sites less than 100 feet from subject property sorted by distance

No sites found less than 100 feet from subject property

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
104	1563 BOONE AVE	1563 BOONE AVENUE	316 feet to the N	Petroleum Bulk Storage Site
115	ALEX AUTO REPAIR SHOP	1006 E 173RD ST	479 feet to the N	Hazardous Waste Generator/Transporter
105	FERRIS STAHL MEYER PACKING	1560 BOONE AVENUE	327 feet to the NNE	Petroleum Bulk Storage Site
7	UNDERGROUND TRANSFORMER	1565 WEST FARMS RD	331 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
17	PRG PACKING	1560 BOONE AVE	331 feet to the NNE	Closed Status Tank Failure
118	ADHESIVE PRODUCTS	1660 BOONE AVE	594 feet to the NNE	Hazardous Waste Generator/Transporter
120	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	599 feet to the NNE	Chemical Bulk Storage Facility
121	ADHESIVE PRODUCTS CORP	1660-1684 BOONE AVE	599 feet to the NNE	Civil & Admin. Enforcement Docket Site
92	1660 BOONE AVE	1660 BOONE AVE	600 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
111	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	600 feet to the NNE	Petroleum Bulk Storage Site
119	NYC DEPT OF SANITATION - J SCHIAVONE	1661 W FARMS RD BX-WA	606 feet to the NNE	Hazardous Waste Generator/Transporter
14	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
15	DOS BRONX EAST 3A GARAGE	1661 WEST FARMS RD	612 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
93	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
112	BRONX DISTRICT 3A	1661 WEST FARMS ROAD	612 feet to the NNE	Petroleum Bulk Storage Site
34	0940 (TRANFORMER MANHOLE)	E 173 ST & W FARMS RD	532 feet to the NE	Closed Status Spill (Unk/Other Cause)
35	MANHOLE 27283	W FARM RD/E 173 RD ST	532 feet to the NE	Closed Status Spill (Unk/Other Cause)
116	CONSOLIDATED EDISON	173 ST & W FARM RD MH22837	532 feet to the NE	Hazardous Waste Generator/Transporter
117	CONSOLIDATED EDISON	MH22837-173RD ST & W FARM RD	532 feet to the NE	Hazardous Waste Generator/Transporter
36	STARLIGHT PARK	SHERIDAN EXPWY (E. 173RD)	553 feet to the NE	Closed Status Spill (Unk/Other Cause)
1	CE - E. 173RD ST. - BRONX WORKS	WEST FARMS RD.& BRONX RIVER	563 feet to the ENE	Brownfields Site
13	ONE OZ VEG OIL FROM EXCAVATOR	1510 SHERIDAN EXPRESSWAY	414 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
33	MANHOLE #26176	1471 W FARMS RD	436 feet to the SSW	Closed Status Spill (Unk/Other Cause)
90	ABANDONED SERVICE STATION	1471 WEST FARM RD	436 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
107	J & L AUTO SEV	1471 W FARMS RD	436 feet to the SSW	Petroleum Bulk Storage Site
114	ESTATE OF LOUIS ROMANO	1471 W FARMS RD	442 feet to the SSW	Hazardous Waste Generator/Transporter
113	PUBLIC SCHOOL 66 - BRONX (X066)	1001 JENNINGS STREET	657 feet to the SW	Petroleum Bulk Storage Site
122	NYC BD OF ED - PS 66	1001 JENNINGS STREET	659 feet to the SW	Civil & Admin. Enforcement Docket Site
106	MRC/754 E 161ST ST HDFC	1504 LONGFELLOW AVE.	413 feet to the WSW	Petroleum Bulk Storage Site
108	MRC/754 E 161ST HDFC	1500 LONGFELLOW AVE.	450 feet to the WSW	Petroleum Bulk Storage Site

109	MRC/754 E 161ST ST HDFC	1496 LONGFELLOW AVE.	505 feet to the WSW	Petroleum Bulk Storage Site
94	1498 BRYANT AVE	1498 BRYANT AVE	617 feet to the W	Closed Status Spill (Misc. Spill Cause)
110	FJF MANAGEMENT V CORP	1528 BRYANT AVE	545 feet to the WNW	Petroleum Bulk Storage Site
91	1534 BRYANT AVE/BRONX	1534 BRYANT AVENUE	554 feet to the NW	Closed Status Spill (Misc. Spill Cause)

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
39	CHURCH	1010 EAST 174 STREET	1115 feet to the N	Closed Status Spill (Unk/Other Cause)
61	NEW HORIZON RETAIL CENTER	971 EAST 174TH ST	1821 feet to the N	Closed Status Spill (Unk/Other Cause)
22	1797 VYSE AVE	1797 VYSE AV	1941 feet to the N	Closed Status Tank Failure
79	CROSS BRONX EXPRESSWAY	BOSTON POST RD OVERPASS	2381 feet to the N	Closed Status Spill (Unk/Other Cause)
38	GETTY #276	1720 BOONE AVE	1081 feet to the NNE	Closed Status Spill (Unk/Other Cause)
47	1787 WEST FARMS ROAD	1787 W. FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
48	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
49	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
98	CROSS BX EPWY/SHERIDAN EX	CROSS BX EXPWY/SHERIDAN E	2051 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
29	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
30	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
31	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
88	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Spill (Unk/Other Cause)
103	COLISEUM DEPOT	1000 E TREMONT ST	2598 feet to the NE	Closed Status Spill (Misc. Spill Cause)
95	AMTRAK	174TH ST BRONX RIVER AVE	1646 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
26	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Tank Test Failure
27	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Tank Test Failure
74	BRONX RIVER HOUSING	1575 E. 174TH ST	2306 feet to the ENE	Closed Status Spill (Unk/Other Cause)
100	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
20	TANK LEAK IN REAR YARD	1347 BOYNTON AVE	1466 feet to the E	Closed Status Tank Failure
75	1589 EAST 172ND ST REALTY	1589 EAST 172ND ST	2352 feet to the E	Closed Status Spill (Unk/Other Cause)
28	CLOSED-LACKOF RECENT INFO	1372 STRAFFORD AVE.	2367 feet to the E	Closed Status Tank Test Failure
76		1372 STRATFORD AVE	2367 feet to the E	Closed Status Spill (Unk/Other Cause)
80	APARTMENT COMPLEX (IFO)	1340 STRATFORD AVE	2410 feet to the E	Closed Status Spill (Unk/Other Cause)
81	IN THE STREET IFO	1340 STRATFORD AV	2410 feet to the E	Closed Status Spill (Unk/Other Cause)
89	SERVICE BOX 20600	IFO 1317 MORRISON AVE	2630 feet to the E	Closed Status Spill (Unk/Other Cause)
19	GARCIA RESIDENCE	1316 WHEELER AVENUE	1249 feet to the ESE	Closed Status Tank Failure
67	BOYNTON AV BETWEEN	WESTCHESTER AV/E 172 ST	2045 feet to the ESE	Closed Status Spill (Unk/Other Cause)
73	MANHOLE 17911	MANOR AVE/E 172 STREET	2219 feet to the ESE	Closed Status Spill (Unk/Other Cause)
102		1213 WARD AVE	2352 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
77	1211 WARD AVE	1211 WARD AVE	2373 feet to the ESE	Closed Status Spill (Unk/Other Cause)
83	REAR YARD 1255 STRATFORD	1255 STRATFORD AVE	2472 feet to the ESE	Closed Status Spill (Unk/Other Cause)

43	ON SIDEWALK	1259 EVERGREEN AVE	1255 feet to the SE	Closed Status Spill (Unk/Other Cause)
44	THOMAS RES	1252 BRONX RIVER AVE	1263 feet to the SE	Closed Status Spill (Unk/Other Cause)
62	1235 ELDER AV	1235 ELDER AV	1823 feet to the SE	Closed Status Spill (Unk/Other Cause)
63	1233 ELDER AVE	1233 ELDER AVE	1841 feet to the SE	Closed Status Spill (Unk/Other Cause)
71	MANHOLE #19338	WESTCHESTER &ELDER AV	2202 feet to the SE	Closed Status Spill (Unk/Other Cause)
72	SB 19335	ELDER AVE/WESTCHESTER AV	2202 feet to the SE	Closed Status Spill (Unk/Other Cause)
78	MANHOLE #25696	E SIDE OF BOYNTON AVE	2375 feet to the SE	Closed Status Spill (Unk/Other Cause)
6	CHASE BANK	1536 WESTCHESTER AVE	2411 feet to the SE	Active Tank Test Failure
82	ODOR	1544 WESTCHESTER AVENUE	2462 feet to the SE	Closed Status Spill (Unk/Other Cause)
16	1151 ELDER AVE	1151 ELDER AVE.	2494 feet to the SE	Active Haz Spill (Misc. Spill Cause)
86	VAULT TM1244	WESTCHESTER AV & WARD AV	2561 feet to the SE	Closed Status Spill (Unk/Other Cause)
40	APEX SALES	1235 BRONX RIVER AVE	1146 feet to the SSE	Closed Status Spill (Unk/Other Cause)
51	SERVICE BOX 2252	1230 COLGATE AV	1482 feet to the SSE	Closed Status Spill (Unk/Other Cause)
8	GETTY # 329	1441 WESTCHESTER AVE	1662 feet to the SSE	Active Haz Spill (Unknown/Other Cause)
21	GETTY SVC STATION	1441 WESTCHESTER AVE	1662 feet to the SSE	Closed Status Tank Failure
56	NYC HUMAN RESOURCES	1209 COLGATE AVENUE	1684 feet to the SSE	Closed Status Spill (Unk/Other Cause)
57	HUD HOUSING PROJECT	1209 COLGATE AVE	1684 feet to the SSE	Closed Status Spill (Unk/Other Cause)
97	WESTCHESTER @ CLOSE AV/BX	WESTCHESTER AV @ CLOSE AV	1731 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
66	1170 BRONX RIVER AVE	1170 BRONX RIVER AVE	2029 feet to the SSE	Closed Status Spill (Unk/Other Cause)
12	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE	Active Haz Spill (Unknown/Other Cause)
32	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE	Closed Status Tank Test Failure
37	BRONX RIVER	EAST 172ND ST/WESTCHESTER	961 feet to the S	Closed Status Spill (Unk/Other Cause)
18	HUNTS POINT AUTO PARTS	1480 SHERDIAN EXPRESSWAY	1100 feet to the S	Closed Status Tank Failure
55	BRONX RIVER	WESTCHESTER AVE	1667 feet to the S	Closed Status Spill (Unk/Other Cause)
58	BRONX RIVER	WESTCHESTER AVE/EDGEWATER	1743 feet to the S	Closed Status Spill (Unk/Other Cause)
5	GETTY S/S #268 - GETTY PROPERTIES	1185 BRONX RIVER AVE.	1943 feet to the S	Active Tank Test Failure
52	MANHOLE 495	WEST FARM RD/ FREEDMAN ST	1490 feet to the SSW	Closed Status Spill (Unk/Other Cause)
53	MEDEX	1028 FREEMAN ST	1610 feet to the SSW	Closed Status Spill (Unk/Other Cause)
65	STREET	HOME ST AND WESTCHESTER A	1992 feet to the SSW	Closed Status Spill (Unk/Other Cause)
23	APARTMENT BUILDING	1275 WESTCHESTER AVENUE	2072 feet to the SSW	Closed Status Tank Failure
41	MANHOLE 17607	1431 LONGFELLOW AVE	1178 feet to the SW	Closed Status Spill (Unk/Other Cause)
50		1406-8 BRYANT AVE	1454 feet to the SW	Closed Status Spill (Unk/Other Cause)
70	HOE ST. SEEPAGE	1206 HOE AVE.	2104 feet to the SW	Closed Status Spill (Unk/Other Cause)
101	ON SOUTHERN BLVD	HOME ST AND FREEMAN ST	2335 feet to the SW	Closed Status Spill (Misc. Spill Cause)
10	COMMERCIAL PROPERTY	1301-1321 LEWIS NINE BLV	2059 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
85	FREEMAN ST & INTERVALE	FREEMAN ST & INTERVALE AV	2557 feet to the WSW	Closed Status Spill (Unk/Other Cause)
46	RESIDENCE	1463 HOE AVE	1425 feet to the W	Closed Status Spill (Unk/Other Cause)
54	VAULT #1664	SOUTHERN BLVD	1637 feet to the W	Closed Status Spill (Unk/Other Cause)
3	JENNINGS ST & STEBBINS AV	JENNINGS ST / STEBBINS AV	2548 feet to the W	Active Tank Failure
84	STEBBINS ST & JENNINGS ST	STEBBINS ST / JENNINGS ST	2548 feet to the W	Closed Status Spill (Unk/Other Cause)
11	SOUTHEAST CORNER	E 170TH ST/STIBBENS AV	2597 feet to the W	Active Haz Spill (Unknown/Other Cause)
87	170TH ST	STEBBINS AV	2597 feet to the W	Closed Status Spill (Unk/Other Cause)
96	MINFORD PL &EAST 172ND ST	MINFORD PL / E 172ND ST	1706 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
2		1555 SEABURY PLACE	2032 feet to the WNW	Active Tank Failure
42	MANHOLE 8157	173RD ST AND HOE AVE	1245 feet to the NW	Closed Status Spill (Unk/Other Cause)

24	MADISON SQUARE BOYS & GIRLS CLUB HOUSE	1665 HOE AV	1382 feet to the NW	Closed Status Tank Test Failure
59	VACANT LAND	1698 BOSTON ROAD	1743 feet to the NW	Closed Status Spill (Unk/Other Cause)
60	1624 BOSTON RD	1624 BOSTON RD	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
64	URBAN HOMES	17-07/17-09 BOSTON ROAD	1916 feet to the NW	Closed Status Spill (Unk/Other Cause)
69	RESIDENTIAL BLDG	1680 CORTONA PARK EAST	2062 feet to the NW	Closed Status Spill (Unk/Other Cause)
4	MURPHY CONSOLIDATED -NYCHA	1705 BRYANT AVE	1162 feet to the NNW	Active Tank Test Failure
45	MURPHY CONSOLIDATED -NYCHA	1700 HOE AVENUE	1390 feet to the NNW	Closed Status Spill (Unk/Other Cause)
9	FORMER BP AMOCO STATION #60024	1776 SOUTHERN BOULEVARD	2006 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
68	1714 CROTRONA PARK EAST	1714 CROTRONA PARK EAST	2058 feet to the NNW	Closed Status Spill (Unk/Other Cause)
99	NYCT	1801 BOSTN RD / E 175 ST	2167 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
25	18-30 SOUTHERN BLVD	18-30 SOUTHERN BLVD	2260 feet to the NNW	Closed Status Tank Test Failure

Identified Toxic Sites by Category

1544 Boone Avenue
Bronx, NY 10460

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

Brownfields Sites -- Total Sites - 1

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	V00552	CE - E. 173RD ST. - BRONX WORKS	WEST FARMS RD.& BRONX RIVER	563 feet to the ENE

Active Tank Failures -- Total Sites - 2

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2	0207061		1555 SEABURY PLACE	2032 feet to the WNW
3	9403146	JENNINGS ST & STEBBINS AV	JENNINGS ST / STEBBINS AV	2548 feet to the W

Active Tank Test Failures -- Total Sites - 3

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
4	9811582	MURPHY CONSOLIDATED -NYCHA	1705 BRYANT AVE	1162 feet to the NNW
5	9209035	GETTY S/S #268 - GETTY PROPERTIES	1185 BRONX RIVER AVE.	1943 feet to the S
6	0402409	CHASE BANK	1536 WESTCHESTER AVE	2411 feet to the SE

Active Haz Spills (Unknown Causes & Other Causes) -- Total Sites - 6

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
7	9712148	UNDERGROUND TRANSFORMER	1565 WEST FARMS RD	331 feet to the NNE
8	0613841	GETTY # 329	1441 WESTCHESTER AVE	1662 feet to the SSE
9	0212264	FORMER BP AMOCO STATION #60024	1776 SOUTHERN BOULEVARD	2006 feet to the NNW
10	0504741	COMMERCIAL PROPERTY	1301-1321 LEWIS NINE BLV	2059 feet to the WSW
11	0003855	SOUTHEAST CORNER	E 170TH ST/STIBBENS AV	2597 feet to the W
12	9711292	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites - 4

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
13	0613621	ONE OZ VEG OIL FROM EXCAVATOR	1510 SHERIDAN EXPRESSWAY	414 feet to the SSE
14	9810571	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE
15	0011836	DOS BRONX EAST 3A GARAGE	1661 WEST FARMS RD	612 feet to the NNE
16	9300135	1151 ELDER AVE	1151 ELDER AVE.	2494 feet to the SE

Closed Status Tank Failures -- Total Sites - 7

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
17	0307241	PRG PACKING	1560 BOONE AVE	331 feet to the NNE
18	9702732	HUNTS POINT AUTO PARTS	1480 SHERDIAN EXPRESSWAY	1100 feet to the S
19	0413444	GARCIA RESIDENCE	1316 WHEELER AVENUE	1249 feet to the ESE
20	0400237	TANK LEAK IN REAR YARD	1347 BOYNTON AVE	1466 feet to the E
21	9504305	GETTY SVC STATION	1441 WESTCHESTER AVE	1662 feet to the SSE
22	0112238	1797 VYSE AVE	1797 VYSE AV	1941 feet to the N
23	8905394	APARTMENT BUILDING	1275 WESTCHESTER AVENUE	2072 feet to the SSW

Closed Status Tank Test Failures -- Total Sites - 9

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
24	0104700	MADISON SQUARE BOYS & GIRLS CLUB HOUSE	1665 HOE AV	1382 feet to the NW
25	8904473	18-30 SOUTHERN BLVD	18-30 SOUTHERN BLVD	2260 feet to the NNW
26	9412464	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE
27	9411941	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE
28	8704437	CLOSED-LACKOF RECENT INFO	1372 STRAFFORD AVE.	2367 feet to the E

29	9011026	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE
30	8905782	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE
31	8904868	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE
32	9006953	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 57 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
33	9913455	MANHOLE #26176	1471 W FARMS RD	436 feet to the SSW
34	0011553	0940 (TRANFORMER MANHOLE)	E 173 ST & W FARMS RD	532 feet to the NE
35	0007945	MANHOLE 27283	W FARM RD/E 173 RD ST	532 feet to the NE
36	0305387	STARLIGHT PARK	SHERIDAN EXPWY (E. 173RD)	553 feet to the NE
37	9800775	BRONX RIVER	EAST 172ND ST/WESTCHESTER	961 feet to the S
38	9709839	GETTY #276	1720 BOONE AVE	1081 feet to the NNE
39	0611989	CHURCH	1010 EAST 174 STREET	1115 feet to the N
40	0605983	APEX SALES	1235 BRONX RIVER AVE	1146 feet to the SSE
41	0201783	MANHOLE 17607	1431 LONGFELLOW AVE	1178 feet to the SW
42	0101819	MANHOLE 8157	173RD ST AND HOE AVE	1245 feet to the NW
43	0313583	ON SIDEWALK	1259 EVERGREEN AVE	1255 feet to the SE
44	9815456	THOMAS RES	1252 BRONX RIVER AVE	1263 feet to the SE
45	9008873	MURPHY CONSOLIDATED -NYCHA	1700 HOE AVENUE	1390 feet to the NNW
46	0512325	RESIDENCE	1463 HOE AVE	1425 feet to the W
47	9501349	1787 WEST FARMS ROAD	1787 W. FARMS ROAD	1430 feet to the NNE
48	0485277	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE
49	0109268	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE
50	0330022		1406-8 BRYANT AVE	1454 feet to the SW
51	9912859	SERVICE BOX 2252	1230 COLGATE AV	1482 feet to the SSE
52	9908693	MANHOLE 495	WEST FARM RD/ FREEDMAN ST	1490 feet to the SSW
53	0302597	MEDEX	1028 FREEMAN ST	1610 feet to the SSW
54	0504213	VAULT #1664	SOUTHERN BLVD	1637 feet to the W
55	0008407	BRONX RIVER	WESTCHESTER AVE	1667 feet to the S
56	9712845	NYC HUMAN RESOURCES	1209 COLGATE AVENUE	1684 feet to the SSE
57	9704954	HUD HOUSING PROJECT	1209 COLGATE AVE	1684 feet to the SSE
58	0506235	BRONX RIVER	WESTCHESTER AVE/EDGEWATER	1743 feet to the S
59	0610428	VACANT LAND	1698 BOSTON ROAD	1743 feet to the NW
60	9707749	1624 BOSTON RD	1624 BOSTON RD	1814 feet to the NW
61	0201730	NEW HORIZON RETAIL CENTER	971 EAST 174TH ST	1821 feet to the N
62	8805467	1235 ELDER AV	1235 ELDER AV	1823 feet to the SE
63	9604559	1233 ELDER AVE	1233 ELDER AVE	1841 feet to the SE
64	9814307	URBAN HOMES	17-07/17-09 BOSTON ROAD	1916 feet to the NW
65	0310108	STREET	HOME ST AND WESTCHESTER A	1992 feet to the SSW
66	9109586	1170 BRONX RIVER AVE	1170 BRONX RIVER AVE	2029 feet to the SSE
67	9512241	BOYNTON AV BETWEEN	WESTCHESTER AV/E 172 ST	2045 feet to the ESE
68	9814386	1714 CROTRONA PARK EAST	1714 CROTRONA PARK EAST	2058 feet to the NNW
69	0202887	RESIDENTIAL BLDG	1680 CORTONA PARK EAST	2062 feet to the NW
70	8600851	HOE ST. SEEPAGE	1206 HOE AVE.	2104 feet to the SW
71	9912936	MANHOLE #19338	WESTCHESTER &ELDER AV	2202 feet to the SE
72	9912614	SB 19335	ELDER AVE/WESTCHESTER AV	2202 feet to the SE
73	9913949	MANHOLE 17911	MANOR AVE/E 172 STREET	2219 feet to the ESE
74	9404172	BRONX RIVER HOUSING	1575 E. 174TH ST	2306 feet to the ENE
75	9403618	1589 EAST 172ND ST REALTY	1589 EAST 172ND ST	2352 feet to the E
76	9912739		1372 STRATFORD AVE	2367 feet to the E
77	0306639	1211 WARD AVE	1211 WARD AVE	2373 feet to the ESE
78	9902811	MANHOLE #25696	E SIDE OF BOYNTON AVE	2375 feet to the SE

79	0100717	CROSS BRONX EXPRESSWAY	BOSTON POST RD OVERPASS	2381 feet to the N
80	0008477	APARTMENT COMPLEX (IFO)	1340 STRATFORD AVE	2410 feet to the E
81	0008476	IN THE STREET IFO	1340 STRATFORD AV	2410 feet to the E
82	9309296	ODOR	1544 WESTCHESTER AVENUE	2462 feet to the SE
83	0506244	REAR YARD 1255 STRATFORD	1255 STRATFORD AVE	2472 feet to the ESE
84	9311752	STEBBINS ST & JENNINGS ST	STEBBINS ST / JENNINGS ST	2548 feet to the W
85	9414079	FREEMAN ST & INTERVALE	FREEMAN ST & INTERVALE AV	2557 feet to the WSW
86	0000360	VAULT TM1244	WESTCHESTER AV & WARD AV	2561 feet to the SE
87	0013276	170TH ST	STEBBINS AV	2597 feet to the W
88	9109910	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE
89	9814692	SERVICE BOX 20600	IFO 1317 MORRISON AVE	2630 feet to the E

Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 14 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
90	0300164	ABANDONED SERVICE STATION	1471 WEST FARM RD	436 feet to the SSW
91	8809969	1534 BRYANT AVE/BRONX	1534 BRYANT AVENUE	554 feet to the NW
92	9203740	1660 BOONE AVE	1660 BOONE AVE	600 feet to the NNE
93	0314316	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE
94	0409544	1498 BRYANT AVE	1498 BRYANT AVE	617 feet to the W
95	8605475	AMTRAK	174TH ST BRONX RIVER AVE	1646 feet to the ENE
96	8904140	MINFORD PL &EAST 172ND ST	MINFORD PL / E 172ND ST	1706 feet to the WNW
97	8909355	WESTCHESTER @ CLOSE AV/BX	WESTCHESTER AV @ CLOSE AV	1731 feet to the SSE
98	9312169	CROSS BX EPWY/SHERIDAN EX	CROSS BX EXPWY/SHERIDAN E	2051 feet to the NNE
99	8906508	NYCT	1801 BOSTN RD / E 175 ST	2167 feet to the NNW
100	9612598	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE
101	9808883	ON SOUTHERN BLVD	HOME ST AND FREEMAN ST	2335 feet to the SW
102	0000461		1213 WARD AVE	2352 feet to the ESE
103	8803270	COLISEUM DEPOT	1000 E TREMONT ST	2598 feet to the NE

Petroleum Bulk Storage Sites -- Total Sites - 10 **Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
104	2-609862	1563 BOONE AVE	1563 BOONE AVENUE	316 feet to the N
105	2-605285	FERRIS STAHL MEYER PACKING	1560 BOONE AVENUE	327 feet to the NNE
106	2-605595	MRC/754 E 161ST ST HDFC	1504 LONGFELLOW AVE.	413 feet to the WSW
107	2-259772	J & L AUTO SEV	1471 W FARMS RD	436 feet to the SSW
108	2-605594	MRC/754 E 161ST HDFC	1500 LONGFELLOW AVE.	450 feet to the WSW
109	2-605593	MRC/754 E 161ST ST HDFC	1496 LONGFELLOW AVE.	505 feet to the WSW
110	2-607961	FJF MANAGEMENT V CORP	1528 BRYANT AVE	545 feet to the WNW
111	2-600688	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	600 feet to the NNE
112	2-455598	BRONX DISTRICT 3A	1661 WEST FARMS ROAD	612 feet to the NNE
113	2-604868	PUBLIC SCHOOL 66 - BRONX (X066)	1001 JENNINGS STREET	657 feet to the SW

Hazardous Waste Generators, Transporters -- Total Sites - 6 **Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
114	NYR000115212	ESTATE OF LOUIS ROMANO	1471 W FARMS RD	442 feet to the SSW
115	NYR000063396	ALEX AUTO REPAIR SHOP	1006 E 173RD ST	479 feet to the N
116	NYP004110623	CONSOLIDATED EDISON	173 ST & W FARM RD MH22837	532 feet to the NE
117	NYR004110623	CONSOLIDATED EDISON	MH22837-173RD ST & W FARM RD	532 feet to the NE
118	NYD001360031	ADHESIVE PRODUCTS	1660 BOONE AVE	594 feet to the NNE
119	NYD986869774	NYC DEPT OF SANITATION - J SCHIAVONE	1661 W FARMS RD BX-WA	606 feet to the NNE

Chemical Bulk Storage Facilities -- Total Sites - 1

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
120	2-000246	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	599 feet to the NNE

Civil & Administrative Enforcement Docket Sites -- Total Sites - 2

Database searched at 1/8 MILE - Non-ASTM Database

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
121	NYD001360031	ADHESIVE PRODUCTS CORP	1660-1684 BOONE AVE	599 feet to the NNE
122	NY0000375709	NYC BD OF ED - PS 66	1001 JENNINGS STREET	659 feet to the SW

Identified Toxic Sites by Proximity

1544 Boone Avenue, Bronx, NY 10460

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
104	1563 BOONE AVE	1563 BOONE AVENUE	316 feet to the N	Petroleum Bulk Storage Site
105	FERRIS STAHL MEYER PACKING	1560 BOONE AVENUE	327 feet to the NNE	Petroleum Bulk Storage Site
7	UNDERGROUND TRANSFORMER	1565 WEST FARMS RD	331 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
17	PRG PACKING	1560 BOONE AVE	331 feet to the NNE	Closed Status Tank Failure
106	MRC/754 E 161ST ST HDFC	1504 LONGFELLOW AVE.	413 feet to the WSW	Petroleum Bulk Storage Site
13	ONE OZ VEG OIL FROM EXCAVATOR	1510 SHERIDAN EXPRESSWAY	414 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
33	MANHOLE #26176	1471 W FARMS RD	436 feet to the SSW	Closed Status Spill (Unk/Other Cause)
90	ABANDONED SERVICE STATION	1471 WEST FARM RD	436 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
107	J & L AUTO SEV	1471 W FARMS RD	436 feet to the SSW	Petroleum Bulk Storage Site
114	ESTATE OF LOUIS ROMANO	1471 W FARMS RD	442 feet to the SSW	Hazardous Waste Generator/Transporter
108	MRC/754 E 161ST HDFC	1500 LONGFELLOW AVE.	450 feet to the WSW	Petroleum Bulk Storage Site
115	ALEX AUTO REPAIR SHOP	1006 E 173RD ST	479 feet to the N	Hazardous Waste Generator/Transporter
109	MRC/754 E 161ST ST HDFC	1496 LONGFELLOW AVE.	505 feet to the WSW	Petroleum Bulk Storage Site
34	0940 (TRANFORMER MANHOLE)	E 173 ST & W FARMS RD	532 feet to the NE	Closed Status Spill (Unk/Other Cause)
35	MANHOLE 27283	W FARM RD/E 173 RD ST	532 feet to the NE	Closed Status Spill (Unk/Other Cause)
116	CONSOLIDATED EDISON	173 ST & W FARM RD MH22837	532 feet to the NE	Hazardous Waste Generator/Transporter
117	CONSOLIDATED EDISON	MH22837-173RD ST & W FARM RD	532 feet to the NE	Hazardous Waste Generator/Transporter
110	FJF MANAGEMENT V CORP	1528 BRYANT AVE	545 feet to the WNW	Petroleum Bulk Storage Site
36	STARLIGHT PARK	SHERIDAN EXPWY (E. 173RD)	553 feet to the NE	Closed Status Spill (Unk/Other Cause)
91	1534 BRYANT AVE/BRONX	1534 BRYANT AVENUE	554 feet to the NW	Closed Status Spill (Misc. Spill Cause)
1	CE - E. 173RD ST. - BRONX WORKS	WEST FARMS RD.& BRONX RIVER	563 feet to the ENE	Brownfields Site
118	ADHESIVE PRODUCTS	1660 BOONE AVE	594 feet to the NNE	Hazardous Waste Generator/Transporter
120	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	599 feet to the NNE	Chemical Bulk Storage Facility
121	ADHESIVE PRODUCTS CORP	1660-1684 BOONE AVE	599 feet to the NNE	Civil & Admin. Enforcement Docket Site
92	1660 BOONE AVE	1660 BOONE AVE	600 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
111	ADHESIVE PRODUCTS	1660-1668 BOONE AVENUE	600 feet to the NNE	Petroleum Bulk Storage Site
119	NYC DEPT OF SANITATION - J SCHIAVONE	1661 W FARMS RD BX-WA	606 feet to the NNE	Hazardous Waste Generator/Transporter
14	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
15	DOS BRONX EAST 3A GARAGE	1661 WEST FARMS RD	612 feet to the NNE	Active Haz Spill (Misc. Spill Cause)
93	BRONX EAST 03A DOS -DDC	1661 WEST FARMS ROAD	612 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
112	BRONX DISTRICT 3A	1661 WEST FARMS ROAD	612 feet to the NNE	Petroleum Bulk Storage Site
94	1498 BRYANT AVE	1498 BRYANT AVE	617 feet to the W	Closed Status Spill (Misc. Spill Cause)
113	PUBLIC SCHOOL 66 - BRONX (X066)	1001 JENNINGS STREET	657 feet to the SW	Petroleum Bulk Storage Site
122	NYC BD OF ED - PS 66	1001 JENNINGS STREET	659 feet to the SW	Civil & Admin. Enforcement Docket Site
37	BRONX RIVER	EAST 172ND ST/WESTCHESTER	961 feet to the S	Closed Status Spill (Unk/Other Cause)
38	GETTY #276	1720 BOONE AVE	1081 feet to the NNE	Closed Status Spill (Unk/Other Cause)
18	HUNTS POINT AUTO PARTS	1480 SHERDIAN EXPRESSWAY	1100 feet to the S	Closed Status Tank Failure
39	CHURCH	1010 EAST 174 STREET	1115 feet to the N	Closed Status Spill (Unk/Other Cause)
40	APEX SALES	1235 BRONX RIVER AVE	1146 feet to the SSE	Closed Status Spill (Unk/Other Cause)
4	MURPHY CONSOLIDATED -NYCHA	1705 BRYANT AVE	1162 feet to the NNW	Active Tank Test Failure
41	MANHOLE 17607	1431 LONGFELLOW AVE	1178 feet to the SW	Closed Status Spill (Unk/Other Cause)
42	MANHOLE 8157	173RD ST AND HOE AVE	1245 feet to the NW	Closed Status Spill (Unk/Other Cause)
19	GARCIA RESIDENCE	1316 WHEELER AVENUE	1249 feet to the ESE	Closed Status Tank Failure
43	ON SIDEWALK	1259 EVERGREEN AVE	1255 feet to the SE	Closed Status Spill (Unk/Other Cause)
44	THOMAS RES	1252 BRONX RIVER AVE	1263 feet to the SE	Closed Status Spill (Unk/Other Cause)

24	MADISON SQUARE BOYS & GIRLS CLUB HOUSE	1665 HOE AV	1382 feet to the NW	Closed Status Tank Test Failure
45	MURPHY CONSOLIDATED -NYCHA	1700 HOE AVENUE	1390 feet to the NNW	Closed Status Spill (Unk/Other Cause)
46	RESIDENCE	1463 HOE AVE	1425 feet to the W	Closed Status Spill (Unk/Other Cause)
47	1787 WEST FARMS ROAD	1787 W. FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
48	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
49	BRONX EAST A DOS -DDC	1787 WEST FARMS ROAD	1430 feet to the NNE	Closed Status Spill (Unk/Other Cause)
50		1406-8 BRYANT AVE	1454 feet to the SW	Closed Status Spill (Unk/Other Cause)
20	TANK LEAK IN REAR YARD	1347 BOYNTON AVE	1466 feet to the E	Closed Status Tank Failure
51	SERVICE BOX 2252	1230 COLGATE AV	1482 feet to the SSE	Closed Status Spill (Unk/Other Cause)
52	MANHOLE 495	WEST FARM RD/ FREEDMAN ST	1490 feet to the SSW	Closed Status Spill (Unk/Other Cause)
53	MEDEX	1028 FREEMAN ST	1610 feet to the SSW	Closed Status Spill (Unk/Other Cause)
54	VAULT #1664	SOUTHERN BLVD	1637 feet to the W	Closed Status Spill (Unk/Other Cause)
95	AMTRAK	174TH ST BRONX RIVER AVE	1646 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
8	GETTY # 329	1441 WESTCHESTER AVE	1662 feet to the SSE	Active Haz Spill (Unknown/Other Cause)
21	GETTY SVC STATION	1441 WESTCHESTER AVE	1662 feet to the SSE	Closed Status Tank Failure
55	BRONX RIVER	WESTCHESTER AVE	1667 feet to the S	Closed Status Spill (Unk/Other Cause)
56	NYC HUMAN RESOURCES	1209 COLGATE AVENUE	1684 feet to the SSE	Closed Status Spill (Unk/Other Cause)
57	HUD HOUSING PROJECT	1209 COLGATE AVE	1684 feet to the SSE	Closed Status Spill (Unk/Other Cause)
96	MINFORD PL &EAST 172ND ST	MINFORD PL / E 172ND ST	1706 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
97	WESTCHESTER @ CLOSE AV/BX	WESTCHESTER AV @ CLOSE AV	1731 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
58	BRONX RIVER	WESTCHESTER AVE/EDGEWATER	1743 feet to the S	Closed Status Spill (Unk/Other Cause)
59	VACANT LAND	1698 BOSTON ROAD	1743 feet to the NW	Closed Status Spill (Unk/Other Cause)
60	1624 BOSTON RD	1624 BOSTON RD	1814 feet to the NW	Closed Status Spill (Unk/Other Cause)
61	NEW HORIZON RETAIL CENTER	971 EAST 174TH ST	1821 feet to the N	Closed Status Spill (Unk/Other Cause)
62	1235 ELDER AV	1235 ELDER AV	1823 feet to the SE	Closed Status Spill (Unk/Other Cause)
63	1233 ELDER AVE	1233 ELDER AVE	1841 feet to the SE	Closed Status Spill (Unk/Other Cause)
64	URBAN HOMES	17-07/17-09 BOSTON ROAD	1916 feet to the NW	Closed Status Spill (Unk/Other Cause)
22	1797 VYSE AVE	1797 VYSE AV	1941 feet to the N	Closed Status Tank Failure
5	GETTY S/S #268 - GETTY PROPERTIES	1185 BRONX RIVER AVE.	1943 feet to the S	Active Tank Test Failure
65	STREET	HOME ST AND WESTCHESTER A	1992 feet to the SSW	Closed Status Spill (Unk/Other Cause)
9	FORMER BP AMOCO STATION #60024	1776 SOUTHERN BOULEVARD	2006 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
66	1170 BRONX RIVER AVE	1170 BRONX RIVER AVE	2029 feet to the SSE	Closed Status Spill (Unk/Other Cause)
2		1555 SEABURY PLACE	2032 feet to the WNW	Active Tank Failure
67	BOYNTON AV BETWEEN	WESTCHESTER AV/E 172 ST	2045 feet to the ESE	Closed Status Spill (Unk/Other Cause)
98	CROSS BX EPWY/SHERIDAN EX	CROSS BX EXPWY/SHERIDAN E	2051 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
68	1714 CROTRONA PARK EAST	1714 CROTRONA PARK EAST	2058 feet to the NNW	Closed Status Spill (Unk/Other Cause)
10	COMMERCIAL PROPERTY	1301-1321 LEWIS NINE BLV	2059 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
69	RESIDENTIAL BLDG	1680 CORTONA PARK EAST	2062 feet to the NW	Closed Status Spill (Unk/Other Cause)
23	APARTMENT BUILDING	1275 WESTCHESTER AVENUE	2072 feet to the SSW	Closed Status Tank Failure
70	HOE ST. SEEPAGE	1206 HOE AVE.	2104 feet to the SW	Closed Status Spill (Unk/Other Cause)
99	NYCT	1801 BOSTN RD / E 175 ST	2167 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
71	MANHOLE #19338	WESTCHESTER &ELDER AV	2202 feet to the SE	Closed Status Spill (Unk/Other Cause)
72	SB 19335	ELDER AVE/WESTCHESTER AV	2202 feet to the SE	Closed Status Spill (Unk/Other Cause)
73	MANHOLE 17911	MANOR AVE/E 172 STREET	2219 feet to the ESE	Closed Status Spill (Unk/Other Cause)
25	18-30 SOUTHERN BLVD	18-30 SOUTHERN BLVD	2260 feet to the NNW	Closed Status Tank Test Failure
26	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Tank Test Failure
27	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Tank Test Failure
74	BRONX RIVER HOUSING	1575 E. 174TH ST	2306 feet to the ENE	Closed Status Spill (Unk/Other Cause)
100	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	2306 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
101	ON SOUTHERN BLVD	HOME ST AND FREEMAN ST	2335 feet to the SW	Closed Status Spill (Misc. Spill Cause)
75	1589 EAST 172ND ST REALTY	1589 EAST 172ND ST	2352 feet to the E	Closed Status Spill (Unk/Other Cause)
102		1213 WARD AVE	2352 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
28	CLOSED-LACKOF RECENT INFO	1372 STRAFFORD AVE.	2367 feet to the E	Closed Status Tank Test Failure

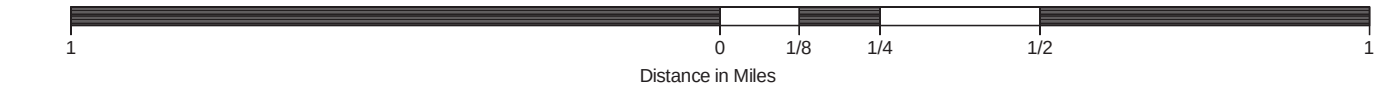
76		1372 STRATFORD AVE	2367 feet to the E	Closed Status Spill (Unk/Other Cause)
77	1211 WARD AVE	1211 WARD AVE	2373 feet to the ESE	Closed Status Spill (Unk/Other Cause)
78	MANHOLE #25696	E SIDE OF BOYNTON AVE	2375 feet to the SE	Closed Status Spill (Unk/Other Cause)
79	CROSS BRONX EXPRESSWAY	BOSTON POST RD OVERPASS	2381 feet to the N	Closed Status Spill (Unk/Other Cause)
80	APARTMENT COMPLEX (IFO)	1340 STRATFORD AVE	2410 feet to the E	Closed Status Spill (Unk/Other Cause)
81	IN THE STREET IFO	1340 STRATFORD AV	2410 feet to the E	Closed Status Spill (Unk/Other Cause)
6	CHASE BANK	1536 WESTCHESTER AVE	2411 feet to the SE	Active Tank Test Failure
82	ODOR	1544 WESTCHESTER AVENUE	2462 feet to the SE	Closed Status Spill (Unk/Other Cause)
83	REAR YARD 1255 STRATFORD	1255 STRATFORD AVE	2472 feet to the ESE	Closed Status Spill (Unk/Other Cause)
16	1151 ELDER AVE	1151 ELDER AVE.	2494 feet to the SE	Active Haz Spill (Misc. Spill Cause)
3	JENNINGS ST & STEBBINS AV	JENNINGS ST / STEBBINS AV	2548 feet to the W	Active Tank Failure
84	STEBBINS ST & JENNINGS ST	STEBBINS ST / JENNINGS ST	2548 feet to the W	Closed Status Spill (Unk/Other Cause)
85	FREEMAN ST & INTERVALE	FREEMAN ST & INTERVALE AV	2557 feet to the WSW	Closed Status Spill (Unk/Other Cause)
86	VAULT TM1244	WESTCHESTER AV & WARD AV	2561 feet to the SE	Closed Status Spill (Unk/Other Cause)
11	SOUTHEAST CORNER	E 170TH ST/STIBBENS AV	2597 feet to the W	Active Haz Spill (Unknown/Other Cause)
87	170TH ST	STEBBINS AV	2597 feet to the W	Closed Status Spill (Unk/Other Cause)
29	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
30	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
31	COLISEUM DEPOT -NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Tank Test Failure
88	COLISEUM DEPOT-NYCT	1000 EAST TREMONT AVE	2598 feet to the NE	Closed Status Spill (Unk/Other Cause)
103	COLISEUM DEPOT	1000 E TREMONT ST	2598 feet to the NE	Closed Status Spill (Misc. Spill Cause)
89	SERVICE BOX 20600	IFO 1317 MORRISON AVE	2630 feet to the E	Closed Status Spill (Unk/Other Cause)
12	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE	Active Haz Spill (Unknown/Other Cause)
32	BRONXDALE HOUSES -NYCHA	1471 WATSON AVE	2639 feet to the SSE	Closed Status Tank Test Failure

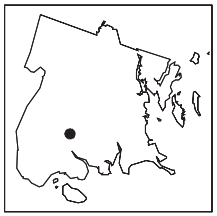
Toxics Targeting
1 Mile Radius Map

1544 Boone Avenue

Bronx, NY 10460

Elevation above Sea Level: 30 feet





Bronx County

National Priority List (NPL)

Inactive Hazardous Waste Disposal Registry Site

Inact. Haz Waste Disp. Registry Qualifying

RCRA Corrective Action Facility

Site Location

Waterbody

County Border

Railroad Tracks

1 Mile Radius

1/2 Mile Radius

1/4 Mile Radius

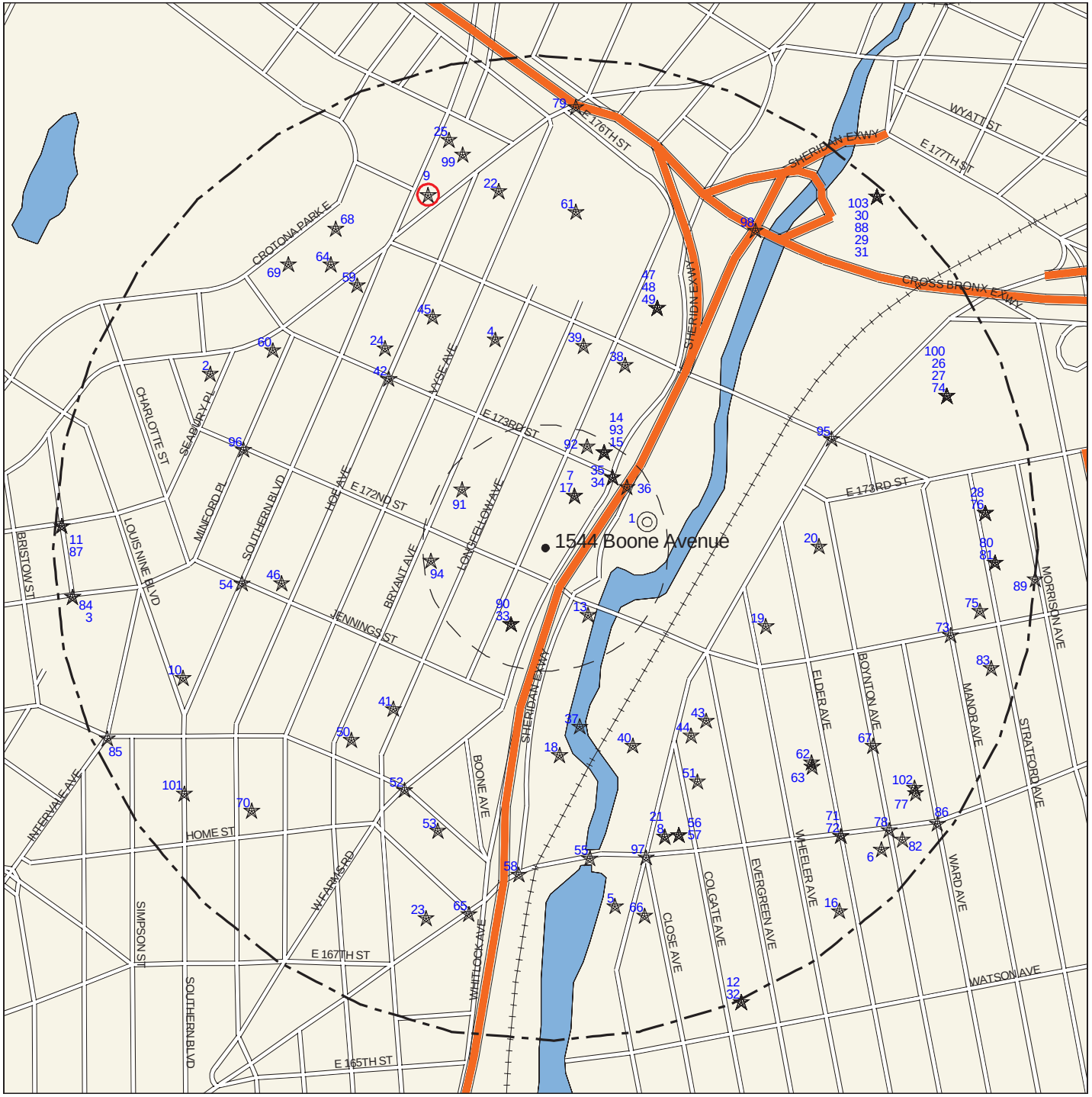
1/8 Mile Radius

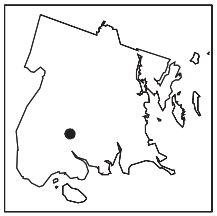
Toxics Targeting
1/2 Mile Radius Map

1544 Boone Avenue

Bronx, NY 10460

Elevation above Sea Level: 30 feet





Bronx County

- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Brownfields Site
- Hazardous Material Spill
- MTBE Gasoline Additive Spill
- Site Location
- Waterbody
- County Border
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

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

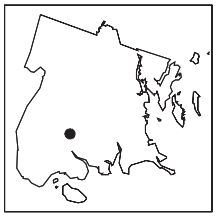
Distance in Miles

Toxics Targeting
1/8 Mile Radius Map

1544 Boone Avenue

Bronx, NY 10460

Elevation above Sea Level: 30 feet



Bronx County

- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site
- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius

1/8 0 1/16 1/8

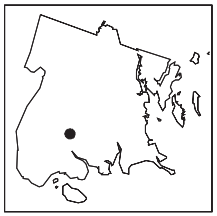
Distance in Miles

Toxics Targeting
1/8 Mile Closeup Map

1544 Boone Avenue

Bronx, NY 10460

Elevation above Sea Level: 30 feet



Bronx County

- National Priority List (NPL) *
- Delisted NPL Site **
- CERCLIS Superfund Non-NFRAP Site **
- CERCLIS Superfund NFRAP Site **
- Inactive Hazardous Waste Disposal Registry Site *
- Inact. Haz Waste Disp. Registry Qualifying *
- Hazardous Waste Treater, Storer, Disposer **
- RCRA Corrective Action Facility *
- Hazardous Substance Waste Disposal Site **
- Solid Waste Facility **
- Major Oil Storage Facility ****
- Brownfields Site **
- Chemical Storage Facility ****
- Hazardous Material Spill **
- Toxic Release ****
- MTBE Gasoline Additive Spill **
- Wastewater Discharge ****
- Petroleum Bulk Storage Facility ****
- Hazardous Waste Generator, Transp. ****
- Historic Utility Site ****
- Enforcement Docket Facility ****
- Air Release ****
- Env Qual Review E Designation *****
- Site Location
- Waterbody
- County Border
- Railroad Tracks
- 1/8 Mile Radius
- 250 Foot Radius

1/8 | 0 | 1/16 | 1/8

Distance in Miles

* 1 Mile Search Radius

** 1/2 Mile Search Radius

**** 1/8 Mile Search Radius

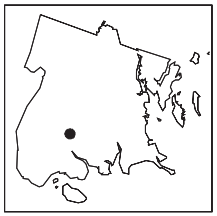
***** Onsite Search (250 Ft)

Toxics Targeting
Tax Parcel Map

1544 Boone Avenue

Bronx, NY 10460

Elevation above Sea Level: 30 feet



Bronx County

- National Priority List (NPL)
- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Inactive Hazardous Waste Disposal Registry Site
- Inact. Haz Waste Disp. Registry Qualifying
- Hazardous Waste Treater, Storer, Disposer
- RCRA Corrective Action Facility
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Major Oil Storage Facility
- Brownfields Site
- Chemical Storage Facility
- Hazardous Material Spill
- Toxic Release
- MTBE Gasoline Additive Spill
- Wastewater Discharge
- Petroleum Bulk Storage Facility
- Hazardous Waste Generator, Transp.
- Historic Utility Site
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Site Location
- Waterbody
- County Border
- Railroad Tracks

Tax Parcel Information Table

1544 Boone Avenue
Bronx, NY 10460

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
2-03014-0009	1544 BOONE AVENUE	NYC HIGHWAYS DET	M1-1	G2	1	1931	164700	41700

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
2-03008-0026	1010 EAST 172 STREET	BROWN, VIOLET	R7-1	B1	1	1997	20640	2500
2-03008-0027	1012 EAST 172 STREET	PEREZ, ABEL ERNESTO	R7-1	B1	1	1997	20640	2500
2-03008-0028	1014 EAST 172 STREET	HERNANDEZ, CARLOS	R7-1	B1	1	1997	20640	2500
2-03008-0029	1016 EAST 172 STREET	DANIEL A SANCHEZ	R7-1	B1	1	1997	20640	2500
2-03008-0030	1001 BOONE AVENUE	BOARD OF EDUCATION	R7-1	G7	0		61650	19000
2-03009-0001	1524 LONGFELLOW AVENUE	SOSNELLY TELLER	R7-1	B2	1	1996	20640	2500
2-03009-0002	1526 LONGFELLOW AVENUE	MAGDALENA R CRUZ	R7-1	B2	1	1996	20641	2500
2-03009-0003	1528 LONGFELLOW AVENUE	DALMAINE D JOHN	R7-1	B2	1	1996	20641	2500
2-03009-0004	1530 LONGFELLOW AVENUE		R7-1	B2	1	1996	20641	2500
2-03009-0005	1532 LONGFELLOW AVENUE	NOEMI RIVERA	R7-1	B1	1	1910	6652	2500
2-03009-0006	1534 LONGFELLOW AVENUE	NAIDA ORTIZ	R7-1	C0	1	1910	6652	2500
2-03009-0007	1536 LONGFELLOW AVENUE	MARTHA BELLO	R7-1	C0	1	1910	6652	2500
2-03009-0008	1538 LONGFELLOW AVENUE	LITTLE MOUNT BETHEL	R7-1	M1	1	1910	50850	2500
2-03009-0009	1540 LONGFELLOW AVENUE	EDMUND JOSEPH	R7-1	C3	1	1931	15202	2500
2-03009-0010	1542 LONGFELLOW AVENUE	FINA MOOLAH	R7-1	B1	1	1910	6220	2500
2-03009-0011	1544 LONGFELLOW AVENUE	BRISEIDA TORRES	R7-1	B2	1	1996	20640	2500
2-03009-0012	1546 LONGFELLOW AVENUE	PENA, JOSE	R7-1	B2	1	1996	20294	2500
2-03009-0013	1548 LONGFELLOW AVENUE	LAURETTE SILVARIO	R7-1	B2	6	1996	20640	25000
2-03009-0033	1559 BOONE AVENUE	PRG REAL ESTATE CORP	M1-1	E9	1	1931	139500	10000
2-03009-0037	1549 BOONE AVENUE	MARINI DANIEL	M1-1	E9	1	1931	51750	3750
2-03009-0038	1529 BOONE AVENUE	T. BOONE EQUITIES CO/	M1-1	E1	1	1931	173250	13750
2-03009-0044	1015 EAST 172 STREET	POGOSTIN, MARC	M1-1	F4	1	1931	109350	12500
2-03009-0113	1550 LONGFELLOW AVENUE		R7-1	B2	1	1996	20641	2500
2-03013-0029	1493 BOONE AVENUE	NORTON, PATRICIA	M1-1	C0	4	1901	14677	6212
2-03013-0031	1508 BOONE AVENUE	1501 WEST FARMS CORP.	M1-1	G9	4	1954	149769	14555
2-03013-0035	1512 BOONE AVENUE	MICHILLI, GIUSEPPE	M1-1	F1	1	1977	14445	1170
2-03013-0037	EAST 172 STREET	1501 WEST FARMS CORP.	M1-1	V1	0		279	284
2-03014-0015	1560 BOONE AVENUE	PRG REAL ESTATE CORP	M1-1	F1	3	1950	337950	64164
2-03014-0045	WEST FARMS ROAD	DEPT OF GENERAL SERVI	M1-1	V1	0		41	13

Section Two: Toxic Site Profiles

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NO NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 1 **CE - E. 173RD ST. - BRONX WORKS** **Facility Id: V00552**
WEST FARMS RD.& BRONX RIVER BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 563 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: W FARMS RD / BRONX RIVER BRONX
Revised zip code: NO CHANGE

Brownfield Program: Voluntary Cleanup Program

Volunteer: CONSOLIDATED EDISON C

****

VOLUNTARY CLEANUP PROGRAM

SITE CODE: V00552
CLASSIFICATION CODE: A REGION: 2 DEC ID: 57093
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: CE - E. 173rd St. - Bronx Works
STREET ADDRESS: West Farms Rd.& Bronx River TOWN: New York City
CITY: Bronx ZIP: 10460 COUNTY: Bronx

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE:

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: NYC DEPT OF PARKS & RECREATION Owner Type: Missing Code in Old Data
ADDRESS: ARSENAL WEST - 16 WEST 61ST ST.
NY, NY 10023

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: CONSOLIDATED EDISON CO OF NY.,INC. Owner Type: Missing Code in Old Data
ADDRESS: 4 IRVING PLACE
NY, NY 10003

SITE DESCRIPTION:
The East 173rd Street Site is a roughly 10 acre parcel located in an urban portion of Bronx County. The main site features include a large open dirt-covered area and a small paved area with some chain-link fencing dividing the two areas. Some trees line the perimter of the site. The site is bounded by the Sheridan Expressway to the west and by the Bronx River to the south and east. The site is currently used as a public park, but is undergoing renovation work so it is vacant at this time. The surrounding parcels are currently a combination of commercial, industrial, roadways, and railroad right-of-ways. The nearest residential areas are approximately .1 miles to the east and west of the site. Prior use of the site as a manufactured gas plant have led to site contamination from the gas holders and the disposal of purifier waste. As of this update, completed investigations include a Focused Remedial Investigation (2003). The design to implement the Remedial Action Work Plan (2004)is approved and awaits an access agreement for the constuction and site managment activities between NYC Parks Dept. and Con Ed

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The primary contaminants of concern at this site are benzene, toluene, ethylbenzene, xylene(BTEX), polycyclic aromatic hydrocarbons (PAHs), and cyanide. Investigations indicate a plume of groundwater contamination under the site that extends to the property line to the east and subsurface soil contamination due to the presence of dense nonaqueous phase liquids and purifier waste. Exceedances of standards, criteria, and guidance include BTEX and PAHs in groundwater and and subsurface soils. A study was conducted to determine if the site had impacted the adjacent Bronx River. The site currently presents a significant environmental threat due to the ongoing releases of contaminants from source areas into the groundwater.

ASSESSMENT OF HEALTH PROBLEMS:
The proposed remedy includes the removal of waste material and covering the site with a minimum of 3 feet of soil. Public water is provided to the area, thereby preventing exposures to groundwater. Data indicate that groundwater discharges are not adversely affecting the quality of water in the Bronx River. Exposures to site related contamination in the Bronx River should be minimal since fish advisories are in effect and there are no permitted bathing facilities.
****

NO SOLID WASTE FACILITIES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

HAZARDOUS MATERIAL SPILLS INTRODUCTION

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

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

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

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

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

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

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

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

* Tank Failures;

* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

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

ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 2 **Spill Number: 0207061** **Close Date:**

1555 SEABURY PLACE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2032 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: MARK SALAMACK
DEC Investigator: SMSANGES

Spiller: CHERYL WILLIAMS - 1555 SEABURY PL HDFC
Notifier Name: SAME
Caller Agency: PETROLEUM TANK CLEANERS
Contact for more spill info: CHERYL WILLIAMS

Spiller Phone: (718) 842-4667
Notifier Phone:
Caller Phone: (718) 624-4842
Contact Person Phone: (718) 842-4667

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/08/2002		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TANK FAILURE AT ABOVE LOCATION. MATERIAL IS CONTAINED IN TANK ROOM OF BUILDING. CALLER HAS NO FURTHER INFORMATION AT THIS TIME.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
COPY ECOS.

Building is a 50 unit co-op with 7 storefronts on the ground floor.

PBS # 2-330701

10/8/2002 - "a lot of oil on the ground" 6" to 8" deep in the tank room. Containment wall leaked, oil poured out into the boiler room. Floor is caked with oil (appears to be several historical spills)

10/9/2002 - Vought did a site visit. PTC to bid for price - if not, send letter and leave drums. Will send letter with requirements (?). Temp tank will be setup.

Eastmond has done work there in the past. No prior spill numbers are in the database.

Out in the boiler room, there are 2 areas (one is a sump area) approx 4' x 4' which are broken cement and appear to have contaminated soil/product in the hole.

PTC brought in 12 empty drums on 10/9 and put speedydry in 11 of 12.

10/15/2002 Marc from PTC will call back with update.

Speedy dry was cleaned up, Was product removed?

PTC told NOT to pressure wash until heavy oil cleanup is done.

10/16/2002 - PTC brought in 12 drums back on 10/9/2002.

Temp tank was installed by H&A Heating.

So far No washing has been done.

Between 15 and 20 bags of contaminated waste are piled on top of drums.

PTC is off the job, Belco Construction is now involved and will hire a new contractor to dispose of the contaminated material.

10/29/2002 - Sangesland spoke with Rich Lavado (917-690-7528) and to Co-op Manager Cheryl Williams. Brief discussion on what work has already been done and what further work needs to be done. It appears that the 12 existing drums and 15 to 20 bags need to be removed (with manifests). In addition, the two "broken" areas of the basement floor need to be opened up and cleaned out.

The tank room will need to be washed down, resealed (cement patch) and then epoxy painted.

Sangesland specifically asked Cheryl Williams to set up a site visit with Sangesland BEFORE work begins on the site.

11/22/2002 - Sangesland met on site with Cheryl Williams (Resident/Super?) and Rich LaVato (cell 646-235-4800).

Temp tanks are still set up. Main tank is still standing in the tank room (expected to be removed & replaced "soon"). Several bags and pails of contaminated soil/liquid remain piled up in the rear courtyard.

Hole in the tankroom floor is now open through the wall to the hole in the boilerroom floor. Standing oil/water in basement.

DEC asked for the following work to be done:

1) Vac out the standing water/oil with a vac truck.

2) Physically dig out as much contaminated soil as possible.

3) Fill in & cement/seal the tank room floor.

4) In boiler room, install a new sump pit with a sump pump hooked to an oil/water separator. Watch this separator for 3-4 months (take oil away as needed). If clean, take oil/water separator away.

Sangesland asked Rich Lavato to take lots of photos of each step in the remediation.

Map Identification Number 3 **JENNINGS ST & STEBBINS AV** **Spill Number: 9403146** **Close Date:**
JENNINGS ST / STEBBINS AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2548 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC DIV. OF REAL PROPERTY
Spiller Phone: (212) 442-0489
Notifier Type: Affected Persons
Notifier Name:
Notifier Phone:
Caller Name: CAROL WHITE
Caller Agency: BRONX COMM. BOARD #3
Caller Phone: (718) 589-6300
DEC Investigator: Needs Reassignment
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/1994		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

OIL SOAK SOIL AT SITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
8/1/02 TJD

Reassigned from Tomasello to DeMeo. Demeo performed site visit on 7/31/02. Spill report does not contain enough information to determine which property is suspected of having the contaminated soils. Notifier information is no longer valid.

On 7/1/05, J Peck called BCB #3 & found out that Carol (White) Maldonado was no longer with BCB #3. BCB #3's telephone no. is now 718 378 8054. BCB #3's address is 1426 Boston Rd. Bx. NY 10456. On 9/8/05, J. Peck talked with John Dudley, the District Manager for BCB #3. On 10/18/05, while checking a site nearby, J. Peck photographed the site through a fence. No determination could be made.

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

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

Map Identification Number 4 **MURPHY CONSOLIDATED -NYCHA** **Spill Number: 9811582** **Close Date:**
1705 BRYANT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1162 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: SEBASTIAN LOREFICE
DEC Investigator: KSTANG

Spiller: NYC HOUSING AUTHORITY
Notifier Name: SEBASTIAN LOREFICE
Caller Agency: NEW YORK CITY HOUSING AUT
Contact for more spill info: FRANK OCELLO

Spiller Phone:
Notifier Phone: (212) 306-3229
Caller Phone: (212) 306-3229
Contact Person Phone: (212) 306-3229

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/15/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL ISOLATE AND RE-TEST

DEC Investigator Remarks:

12/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.

02/03/06: This spill transferred from S.Kraszewski to Q.Abidi.

04/04/06: This spill transferred from Q. Abidi to Koon Tang.

Map Identification Number 5 **GETTY S/S #268 - GETTY PROPERTIES** **Spill Number: 9209035** **Close Date:**
1185 BRONX RIVER AVE. BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1943 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Spiller: GETTY
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: TOM DYKSTRA
Caller Agency: TYREE BROS.
Caller Phone: (516) 249-3150
DEC Investigator: WXSUN
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/04/1992		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

4 @ 550 GALS WILL REPAIR IN MORNING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
3/13/03 REASSIGNED FROM ROMMEL TO VOUGHT.

08/31/2005 - Feng - Project transferred from Vought to Feng.

10/19/2005 - Feng - File reviewed by Feng:

Tank Closure Report, by Tyree, 11/1993. During 8/1993, ten (10) 550-gallon gasoline USTs were excavated and removed by Main Elmsford Company. Soil samples were collected.

Environmental Site Investigation Report, by Tyree, 12/1993. During 10/1993, Tyree installed four (4) monitoring wells. no groundwater encountered. Levels of aromatic hydrocarbons detected in split spoon soil samples collected during drilling, exceeded NYSDEC Soil Guidance Values.

Vapor Extraction Influence Pilot Test Report, by Tyree, 1/1995. During 1/1995, Tyree performed a Vapor Extraction Influence Pilot Test. Based upon findings of the vapor extraction influence pilot test a ROI of 15' can be achieved if a flow rate of 122 CFM at 20" of water is supplied to vapor extraction wells VW-1, VW-4, VW-5 and VW-7.

Remedial Action Plan, by Tyree, 2/1995. Outlines design and construction details of the SVES to remediate soil contamination detected during removal of the former gasoline UST.

SVES installed by Tyree, 4/1995. the SVES consists of six (6) 4-inch diameter vapor extraction wells which are individually manifolded to 2" diameter Schedule 40 PVC headers. The PVC headers are extended to a 12' squared concrete pad. The PV headers were then manifolded to a skid mounted SVE skid. The SVE skid consists of a Roots 5 hp positive displacement blower and is equiped with pressure and temperature switches, a vapor drop tank (coalescer) with high water level switch, and an integrated control panel. The SVE skid was started during 3/1996.

Monitoring and gauging monthly on Vapor extraction wells VW-1 through VW-5, and VW-7 from the top of the well casings using a product/water interface probe.

The SVES was inspected, monthly, during the 12/1998 through 2/1999 monitoring quarter.

Semi Anuual Monitoring Report, by Tyree, 7/2003-12/2003. 6 monitoring wells on site, only 2 were sampled, the others wells were dry. groundwater flow southerly. Analyticals show 255.7ppb BTEX and MTBE below MDL in VW-1 (20.21' bg), 6409.9ppb BTEX and MTBE below MDL in VW-4 (19.05' bg).

Semi Anuual Monitoring Report, by Tyree, 1/2004-6/2004. 6 monitoring wells on site, only 1 were sampled, the others wells were dry. groundwater flow southerly. Analyticals show 4676.6ppb BTEX and MTBE below MDL in VW-4 (18.5' bg).

Semi Anuual Monitoring Report, by Tyree, 7/2004-12/2004. 6 monitoring wells on site, only 1 were sampled, the others wells were dry. groundwater flow southerly. Analyticals show 1408.5ppb BTEX and MTBE below MDL in VW-4 (18.64' bg).

Map Identification Number 6 **CHASE BANK** **Spill Number: 0402409** **Close Date:**
1536 WESTCHESTER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2411 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	PAUL DYRLAND - CHASE BANK	Spiller Phone:	(718) 441-6800 ext. 1
Notifier Type:	Tank Tester	Notifier Name:	JOHN LEDDY	Notifier Phone:	(631) 321-4670
Caller Name:	JOHN LEDDY	Caller Agency:	PRO- TEST	Caller Phone:	(631) 321-4670
DEC Investigator:	HRPATEL	Contact for more spill info:	PAUL DYRLAND	Contact Person Phone:	(718) 441-6800 ext. 1

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/04/2004		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

KNOW THAT THERE IS A VENT PROBLEM:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
TTF ltr

12/19/05 Feroze. Spill is transferred from Ketani to Feroze.

02/23/06. Feroze talked with Mr.Paul 718-441-6800 of New York heating. They did the tank tightness test at this site. He will submit me the report soon.
It is 1500 gallons capacity tank but it is not registered.

03/15/06. Spill is transferred from Feroze to Kumar Patel.

03/21/06-Hiralkumar Patel. Spoke with John at Protest and he will call back with information.

03/23/06-Hiralkumar Patel. REceived call from John from Protest. as per him, they did tank test only. the dry portion was leaking. John is not sure about isolation test. they haven't did any further work on site.

Spoke with Mr. Dryland (FAX: 718-849-2905) at New York Heating. as per him this tank on site is UST of 1500 gal capacity. tank has two fill lines, one is remote one and this remote fill port was not in use for last 10 years. old fill line is plugged with cement at street level, but never capped at tank end. Paul is going on site to cap the old fill line at tank end. when Protest

did tank test in 06, 2004 they found test failed, but Pual thikns that was because of old fill line. ONce Paul done with caping old fill line, he will contact ProTest and ProTest will do tank test again. if tank fails, they will do isolation test. i have asked Paul to call me back once they decide with tank test date. this property has another tank on site also. and property also using gas heating system. Paul knows about registration of those tank. Paul gave me person's name and number who is handling this site.
Tom Oteranto
Chase Manhattan Bank
(347) 386-4670

Spoke with Tom and he told me that Paul Deri is handling the tank registration and testing thing at bank. as per Tom property has only one tank. due to signal problem, line disconnected before i get Paul Deri's number.
from reverse phone directory, phone number for site address is (718) 935-9935. dialed general number and got Paul Deri on phone.

Correspondence address:
Paul Deri
Chase Manhattan Bank Area Branches Boynton Avenue
1536 Westchester Ave
Bronx, NY 10472
Ph. (516) 574-6276
(917) 440-6327
FAX (516) 574-6262

Alternate Address:
Paul Deri
1985 Marcus Avenue
New Hyde Park, NY 11042

as per Mr. Deri they have only one tank on location and they are already in process of registering it. Paul Dryland will excavate soil and will remove old fill line from location. TTF sent out to Mr. Deri requesting tank test and tank registration.

04/24/06-Hiralkumar Patel. REceived call from Charles Powers (Off.: 516-932-3228 Ext. 101, Cell: 516-448-5004). as per Mr. Powers, Mr. Deri is done with registration of tanks. Mr. powers knows that they have disconnected fill line and filled with cement. the tank top is open. asked Mr. Power to do isolation test of tank only to find out integrity of tank before abondoning it. he will email me with his plan of work.
Received email from Mr. Powers.

06/05/06-Hiralkumar Patel. Left message for Mr. Powers.
06/06/06-Hiralkumar Patel. REceived call from Mr. Powers. they will do isolation test tomorrow. he will call back as soon as he gets test results.

06/09/06-Hiralkumar Patel. Received message from Mr. Powers. Left message for Mr. Powers.
06/16/06-Hiralkumar Patel. Received message from Mr. Powers. Spoke to Mr. Powers. as the tank is so close to building and have only single access is sidewalk, it is so hard to remove tank from location. asked Mr. Powers to take soil samples around the tank atleast 2 bt below bottom of tank and also soil samples through bottom of tank. he will email me PID readings of this soil samples and once he gets lab results, will call/email me.

08/14/06-Hiralkumar Patel. spoke with Mr. Powers. he got approval for geoprobe and will call once he gets soil results.

11/22/06-Hiralkumar Patel. left message for Mr. Powers.
11/24/06-Hiralkumar Patel. spoke with Mr. Powers. they got lab analyticals and as per him, samples came back clean. asked him to send closure report (with scaled site plan including sampling locations and full diagram of tank system).

11/29/06-Hiralkumar Patel. received Phase-II Investigation report from Mr. Powers. abstract:
- groundwater is assumed to flow in a south/southeastern direction towards the Flushing Bay
- four soil samples taken around 2000 gal underground tank (one from each side)
- no groundwater encountered in any of the borings
- CNS attempted to punch through the UST to collect soil samples beneath the tank, however, this boring was unattainable due to damaged equipment caused from attempting the said boring
- samples were collected from these borings at depths ranging between six to eight ft bgs.
- only compound found over TAGM limit is total Xylene (S-01A: 2.81 ppm and S-04A: 4.5 ppm, limit: 1.2 ppm)
- found 17.3 ppm PID reading in S-01A at depth of 8-9 ft.

spoke with Mr. Powers. explained him that as site has about 4 times high Xylene, it requires groundwater testing as they can't remove tank due to site restriction. Mr. Powers asked to send this in writing. sent out letter requiring groundwater analysis to Mr. Deri. letter faxed to Mr. Deri and to Mr. Powers (cpowers@cnsmanagement.net).

12/28/06-Hiralkumar Patel. received call from Mr. Powers. he tried to get groundwater sample and hit bedrock at depth 15 ft. he will bring larger drill and will try again.
Phase II report on overhead shelf.

ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 7 **UNDERGROUND TRANSFORMER** **Spill Number: 9712148** **Close Date:**
1565 WEST FARMS RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 331 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: STEVE ROMERO
DEC Investigator: JHOCONNE

Spiller: UNK
Notifier Name: STEVE ROMERO
Caller Agency: CON ED
Contact for more spill info:

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/30/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	525.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

unk material has entered the a underground transformer material seems to be comming from under a garage door that belongs to Ferris Stahl Meyer packing corp. at 1560 Boone Ave Bronx owner of that business has been contacted by caller but has not responded to scene spill is contained in the vs

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
114487

01/30/98 1944 HRS. G.LOPRIORE (FL) FOUND UNKNOWN SUBSTANCE IN VS 1773. SAMPLE TAKEN & YELLOW TAG PLACED IN VS. TAG #09500

FORMAN COULD NOT TELL IF THERE WAS A SUMP PUMP PRESENT DUE TO AMOUNT OF SUBSTANCE IN VS. NO SEWER CONNECTION & NO

OUTSIDE IMPACT. UNKNOWN SUBSTANCE IS COMMING FROM UNDER A GARAGE DOOR UNIT FROM THE FERRIS STAHL MEYER PACKING CORP.

AT 1560 BOOM AV. PHOTO REQ. CIG NOTIFY ABOUT UPDATE 2105 HRS. A REPRESENTIVE OF THE ABOVE STORE DID NOT WANT TO TALK ABOUT

THE SUBSTANCE & WAS NOT CONCERNED.J.SCHLEMBACH 32616.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~A.Bucci #57523~~~~~~~~~~~~~~~~~~~~~~

I was instructed by A.Chang told to notify CIG that this is going to be a third party spill. I spoke with R.Roach at 0821.

10 feb. 1998 16:40....... A.Tortora went out to loc. and took another sample. He is sampling for I.D not PCB.

~~~~~~

12-FEB-98

THE SECOND SAMPLE INDICATED AGAIN INSUFICIENT MATERIAL. ENV AFFAIRS A. CHANG TO VISIT THE LOCATION AND PROVIDE DIRECTION.

E. DE LA HOZ 79237

==

SAMPLE RESULTS RECIEVED 3/2/98...<1PPM 1254 AROCLOR

P SCHMID 58060 3/3/98

===

05-MAR-98

ENV A.CHANG RECOMMEDS TCLP SAMPLING BEFORE CLEANUP. A NEW SAMPLE WILL BE REQUESTED.

From: Chang, Angel CHANGA - CONED

To: Delahoz, Eddy EDELAHOZ - TAODGN

cc: Cawley, Timothy P. CAWLEYT - CONED

Subject: FW: By R. NEVIN 98-02528

The benzene value came below the RCRA limits. This is the job near the packaging facility and a candidate for a third party spill. Maybe we should also include it for sealing. The clean-up can proceed as less than 50ppm.

29-MAY-1998 14:30 HRS

CLEANUP STARTED AT THIS LOCATION TODAY. UG L.FISCHER REPORTS THAT THERE ARE FIVE 55- GAL GARBAGE CANS OUTSIDE THE FERRIS

PACKING HOUSE FILLED WITH FOUL-SMELLING MEAT BYPRODUCTS. FISCHER REQUESTED THAT DEP BE NOTIFIED. I CONTACTED ERT AND

EXPLAINED THE SITUATION. ERT LUKSHIDES SPOKE TO STANLEY BALDWIN FROM THE DEP. DEP REFERRED HER TO THE ENVIRONMENTAL

POLICE UNIT (DEP DOES NOT COVER THESE TYPE OF CASES). NO ONE AVAILIABLE AT THE E.P.U. CLEANUP IN PROGRESS USING 5000 GAL TANKER. FISCHER REPORTS THERE IS NO OIL PRESENT - SLIGHT GREASY FILM & ODOR. LUKSHIDES RECOMMENDS THAT ANY FUTURE CLEANUP OF THIS MATERIAL WOULD NOT REQUIRE A TANKER TRUCK BASED ON OUR KNOWLEDGE OF THE SITUATION AND THE SAMPLE RESULTS.

MAY 29, 1998 JOB COMPLETED AND TAG REMOVED. CREW REPORTS THAT HOLE HAS A FRESH WATER LEAK AND THE CITY NEEDS TO

RESPOND TO THE SITUATION.

Map Identification Number 8 **GETTY # 329** **Spill Number: 0613841** **Close Date:**
1441 WESTCHESTER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1662 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: GASOLINE STATION
Spiller: EVAN STANKUNAS - GETTY # 329
Spiller Phone: (845) 731-9382 ext. C
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: smsanges
Contact for more spill info: EVAN STANKUNAS
Contact Person Phone: (845) 731-9382 ext. C

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/26/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

PRODUCT WAS FOUND IN TANK FIELD MONITORING WELL:

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

Map Identification Number 9 **FORMER BP AMOCO STATION #60024** **Spill Number: 0212264** **Close Date:**
1776 SOUTHERN BOULEVARD BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 2006 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Other
Caller Name: BRAD FISHER
DEC Investigator: rjfeng

Spiller: BRAD FISHER, DELTA ENV. - BP AMOCO
Notifier Name:
Caller Agency: DELTA ENVIRONMENTAL
Contact for more spill info: BRAD FISHER

Spiller Phone: (914) 765-8198
Notifier Phone:
Caller Phone: (914) 765-8198
Contact Person Phone: (914) 765-8198

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

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
03/12/2003		UNKNOWN	2-292664	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	
BTEX	OXYGENATES	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

lab results - soil borings identified soil & groundwater impacts

DEC Investigator Remarks:

PBS 2-292664
9/18/03 UST closure report and subsurface hydrocarbon assessment report received. VOC concentrations in excess of TAGM remain on site within the tank excavation and adjacent to pump islands.

12/10/03 Reassigned from Vought to Foley.

UST closure report review:

7/24-8/1/03 Four 4000gal double-walled steel gas USTs excavated. PID readings ranged from 102 to 3457ppm(southeastern most gas tank). Lab analysis of post-ex samples collected from sidewalls of tank field identified VOCs in excess of TAGM. Total BTEX ranged from 90ppb(SW-6(7')) to 524,620ppb(SW-1(7')). Total VOCs ranged from 273ppb(SW-6(7')) to 1,265,000ppb(SW-1(7')). Bottom samples collected identified total BTEX between 76ppb(B-4(12')) and 4325ppb(B-2(12')). Total VOCs in bottom samples ranged from 3070ppb(B-4(12')) to 13,516ppb(B-2(12')).

Lab analysis of pump island and piping post-ex soil samples identified total BTEX from ND(P-2, 2') to 82,659ppb(P-8, 2'). Total VOCs from 12ppb(P-2,2') to 220,645ppb(P-8, 2').

227tons of petroleum impacted soils were removed.

SHAR review:

Land use is generally commercial/residential. Bronx River is located downgradient 2000ft southeast of site. Saint Thomas Aquinas School is crossgradient 1000ft south-southeast. An apartment building with retail establishments at ground level contain basments along Southern Blvd.

Groundwater is between 5-10' bgs.

Soil analysis from five borings showed only one exceedance for benzene in SB-3(5-6') at 124ppb. Groundwater was encountered at approx 5'bgs. Borings were converted to MWs and samples were collected on 2/28/03. Total BTEX in groundwater ranged from 7ppb(SB-4) to 11,273ppb(SB-2). Total VOCs ranged from 24ppb(SB-4) to 15,269ppb(SB-2).

On 7/8/03, four two-inch monitoring wells (MW-1, MW-2, MW-3 and MW-4) were installed between 10.5 to 11.8' bgs. Groundwater encountered between 5.9-9.95' bgs. MW-4 was dry at time of sampling. No LNAPL present. Analysis showed VOCs in excess of TAGM. Total BTEX ranged from 20ppb(MW-3) to 22,512ppb(MW-1). Total VOCs ranged from 654ppb(MW-3) to 38,305ppb(MW-1).

3/2/06 Update from B. Fisher, Delta Environmental. Former BP site now a new non-BP service station. BP has been tied up in a legal matter with owner and do not have access to complete work.

6/8/2006 - Feng - project reassigned to RJFeng. (RJF)

9/29/2006 - Feng - Portfolio meeting with BP and Delta. Legal issue preventing access. BP and Delta will continue to pursue site access through appropriate channel. Once the access is granted, will re-establish well network and determine appropriate remedial strategy based on the remaining subsurface impacts. DEC will assist in gaining the site access. (RJF)

10/4/2006 - Feng - Talk to DEC J. Urda, he will draft the site access letter to property owner. (RJF)

Map Identification Number 10 **COMMERCIAL PROPERTY** **Spill Number: 0504741** **Close Date:**
1301-1321 LEWIS NINE BLV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P4)
Approximate distance from property: 2059 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 1311 LOUIS NINE BLVD
Revised zip code: 10459

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name: BENJAMIN ALTER
DEC Investigator: KSTANG

Spiller: WALTER ROBERTS - COMMERCIAL PROPERTY
Notifier Name: BENJAMIN ALTER
Caller Agency: GZA ENVIR
Contact for more spill info: WALTER ROBERTS

Spiller Phone: (212) 863-8482
Notifier Phone: (973) 256-7800
Caller Phone: (973) 256-7800
Contact Person Phone: (212) 863-8482

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/20/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

FOUND AN ABANDON TANK WHILE SOIL TESTING:

DEC Investigator Remarks:

04/13/06- Case was transferred from Jake Krimgold to Koon Tang.

Map Identification Number 11 **SOUTHEAST CORNER** **Spill Number: 0003855** **Close Date:**
E 170TH ST/STIBBENS AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2597 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: E 170TH ST / STEBBINS AVE
Revised zip code: 10459

Source of Spill: UNKNOWN
Spiller: ANGELO ELMI - NYC DESIGN & CONSTRUCTION
Spiller Phone: (718) 391-1388
Notifier Type: Other
Notifier Name: RICHARD WETHERBEE
Notifier Phone: (212) 922-0077
Caller Name: RICHARD WETHERBEE
Caller Agency: WARREN & PANZER
Caller Phone: (212) 922-0077
DEC Investigator: AHMED
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/22/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
UNKNOWN MATERIAL	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

SAMPLE RESULTS CAME BACK SHOWING ELEVATED READINGS FOR PAH'S - PROPOSED SITE FOR A NEW BLDG

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

Map Identification Number 12 **BRONXDALE HOUSES -NYCHA** **Spill Number: 9711292** **Close Date:**
1471 WATSON AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2639 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: FRAN ARCHEY
DEC Investigator: KSTANG

Spiller: FRANK OCELLO - NYC HOUSING AUTHORITY
Notifier Name: STEVEN SACCACIO
Caller Agency: A L EASTMOND
Contact for more spill info: NYC HOUSING AUTHORITY

Spiller Phone: (212) 306-3229
Notifier Phone: (718) 482-6364
Caller Phone: (718) 378-3000
Contact Person Phone: (212) 306-3000

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/08/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATING THEY ENCOUNTERED CONTAMINATED SOIL WHILE REMOVING AN OLD TANK. SOIL WILL BE REMOVED.

DEC Investigator Remarks:

12/08/05: This spill transferred from J.Kolleeny to S.Kraszewski.

03/23/06: This spill transferred to K.Tang - SK

ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.

All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

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

Map Identification Number 13 **ONE OZ VEG OIL FROM EXCAVATOR** **Spill Number: 0613621** **Close Date:**

1510 SHERIDAN EXPRESSWAY BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 414 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 1510 SHERIDAN EXWY
Revised zip code: 10459

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Responsible Party
Caller Name:
DEC Investigator: gdbreen

Spiller: ERTSDESK - CON EDISON
Notifier Name:
Caller Agency:
Contact for more spill info: ERTSDESK

Spiller Phone: (212) 580-8383
Notifier Phone:
Caller Phone:
Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/20/2007		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COOKING OIL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CAME FROM AN EXCAVATER(VEGETABLE OIL CLEAN UP COMPLETE ABOUT 1 OUNCE. 204992

DEC Investigator Remarks:

204992. see eDocs

Map Identification Number 14 **BRONX EAST 03A DOS -DDC** **Spill Number: 9810571** **Close Date:**
1661 WEST FARMS ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 612 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: TONY MARINO - DEPT OF SANITATION
Spiller Phone: (718) 391-1062
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: ANDRE LAPRES
Caller Agency: URS GREINER
Caller Phone: (716) 856-5636
DEC Investigator: jamaison
Contact for more spill info: TONY MARINO
Contact Person Phone: (718) 391-1062

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/20/1998		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IT IS SUSPECTED THAT AN UNDERGROUND STORAGE TANK CAUSED THE CONTAMINATION. UNKNOWN AMOUNT OF SOIL CONTAMINATED. IT IS UNDER INVESTIGATION AT THIS TIME.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
WHILE ADVANCING GEOTECH BORING, URS FOUND FREE PRODUCT COMING INTO BOREHOLE, AT 1-2 FOOT DEPTH. ABANDONED BORING. DEC HAS ASKED FOR TIGHTNESS TEST OF NEARBY DIESEL TANK, AND DDC MUST PERFORM SITE SPECIFIC INVESTIGATION TO DETERMINE EXTENT OF CONTAMINATION.

TRANSFERRED FROM Y.KRIMGOLD.
The spill Lead_DEC Field is "I. Islam" with effect from 02/02/05. The site is under remediation by LiRo Engineers. -II
4/28/05- Reviewed the quarterly monitoring report(Nov./04-Jan./05). DEC approved NFA for soil and installation of skimmer pump at 3 wells in April, 2003. An absorbent sock has been installed to one well to subside the water level and make it conducive to skimmer operation. Persisting layer of motor oil at 3 wells is a concern and it's mentioned that malfunction of a nearby oil/water separator may be the cause. However EFR is being performed besides monthly checking of water levels and free product thickness and quarterly sampling of groundwater. Over all situation is improving and performance monitoring to continue as usual.- II.

7/27/05- Reviewed the monitoring report (Feb.-Apr./05). Persistent GW contamination in well MW-19 across the East 173rd St. is said to be attributed to off-site source and is not migrating to this site. It is supported by the same time sampling results of the nearby on-site wells MW-13 and MW-11. Persisting layer of motor oil at 3 wells (MW-9, MW-16 & MW-17) is still a concern even though LiRo is performing EFR on them. If the nearby existing oil/water separator malfunctioning is the root cause, then it must

be taken with NYCDOS management people to fix it. The above observations and remarks are sent to LiRo & NYCDDC via email. Installed the report in the eDoc folder.- II

10/04/05- Filed the report in the eDoc.- II

3/09/06: This spill transferred from I.Islam to Q.Abidi.

07/11/06: Received email from John Busse of URS inquiring as to status of LiRo's recommendation of spill closure in their Nov. '05 - Mar. '06 monitoring report. Reviewed report and sent back following email:

"I'm not comfortable closing this spill/site just yet. Report notes that well MW-17 had 0.38 ft. of free product in Dec. 2005, and MW-11 had total VOCs of 462 ppb when last sampled in Aug. 2005 - not that high, but a bit higher than some of sites I've been closing recently that still had residual contamination. LiRo states in report that contamination in MW-11 is not attributable to DOS site, but they present no supporting arguments and well is clearly down-gradient from USTs at site.

I suggest that URS gauge all wells for product and depth to water to determine current groundwater flow, collect groundwater samples from selected wells, and perhaps perform a Sensitive Receptor Survey in support of No Further Action request. If this seems reasonable, please put together a brief plan for groundwater sampling - i.e., let me know which wells you intend to sample so I can review them and have some input. If you strongly disagree with this approach, you or Jane should give me a call to discuss." - J. Kolleeny

07/18/06: Received email from John Busse of URS, saying they intend to sample wells MW-1, MW-5, MW-6, MW-8, MW-9, MW-11, MW-16, MW-17, and MW-19, and that groundwater samples will be analyzed for VOCs only. I wrote back email saying list of wells is fine, and reminding them to gauge wells for depth to water/product, determine up-to-date groundwater flow direction and identify presence of free product. - J. Kolleeny

10/27/06 Spill case transferred from S. Kraszewski to J. Maisonave. - JAM

Map Identification Number 15 **DOS BRONX EAST 3A GARAGE** **Spill Number: 0011836** **Close Date:**
1661 WEST FARMS RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 612 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: VESSEL
Notifier Type: Other
Caller Name: LUCILLE FITZGERALD
DEC Investigator: AHMED

Spiller: DEPT OF SANITATION SITE
Notifier Name: LUCILLE FITZGERALD
Caller Agency: YELLOW STONE INDUSTRIES
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone: (516) 485-0000
Caller Phone: (516) 485-0000
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

pipe from an oil separator leaked spilling oil. it will be pupmed out on monday.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

Allstate to respond with vac truck to empty contents of oil water seperator and excavation. Repairs to seperator to be made by
DOS contractor.
contacts:
Kirkyla & Plemba
718 361 9910
DDC
718 391 1064

Map Identification Number 16 **1151 ELDER AVE** **Spill Number: 9300135** **Close Date:**
1151 ELDER AVE. BRONX, NY 10472

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 2494 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 1151 ELDER AVE
Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: APT 1151 ELDEN AVE
Spiller Phone: (718) 589-3408
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: BOB CAPOZELLO
Caller Agency:
Caller Phone: (718) 272-2800
DEC Investigator: SFRAHMAN
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/02/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TANK LEAKING DON'T KNOW WHY ABC OFFERED A PRICE, WON'T OKAY WORK.

DEC Investigator Remarks:

Spoke with Donna, from ABC Tank repair. They have no record of any completed work order.

Albany assignment: "dmpokrzy"

Address Corretion: Elder Ave (not Elden)

Donna, from ABC Mgt. said a proposal was submitted, but no work order was ever completed. Referred me to a # (718)842-3948
David at Eckstien Management. 1009 E. 14th St. Brooklyn. Left 2 messages, 08/19/05, and 08/25/05. Waiting for call return.

9/7/06 - Austin - Assigned from Albany to Region 2 staff (Rahman) for review and closure - end
12/22/06- Rahman- A letter was sent to
Anand Realty Corp
86-48 122nd Street
Richmond Hill, NY 11419
Attn: Velappan Veeraswamy

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0612670	PRIVATE HOME	1529 EAST 172	BRONX
0613803	APART	1550 MINFORD PLACE	BRONX
0613128	GETTY #329	1441 WESTCHESTER AVE	BRONX
0613174	GETTY#329	1441 WESTCHESTER AVE	BRONX
0513591	GETTY #329	1441 WESTCHESTER AVE	BRONX
9700109	WELFARE OFFICE BLDG - GETTY PROPERTIES #329	1209 COLGATE AVE	BRONX
0507685	VAULT 1744	EDGEWATER RD AND WESTCHESTER AVE	BRONX
0612730	GETTY # 268	1185 BRONX RIVER AVE	BRONX
8908309	BRONX RIVER HOUSES -NYCHA	1575 EAST 174TH STREET	BRONX

CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 17 **PRG PACKING** **Spill Number: 0307241** **Close Date: 07/19/2005**
1560 BOONE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 331 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: ANONYMOUS
DEC Investigator: MXTIPPLE

Spiller: PRG PACKING
Notifier Name: GUILLERMO GONZALEZ
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone: (718) 328-0059
Caller Phone:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/09/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

10,000 GAL ABOVE GROUND TANK IS LEAKING - CALLER WAS CONTACTED FOR CLEAN UP - THEY HAVE NOT BEEN HIRED YET THOUGH

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
10/9/03-Sangesland spoke with "Anna" at PRG Packing 718-328-0059.

She says several companies have been in to bid on replacing the tank, but she says there is no leak.

She says the building closes at 4PM and no one can see the tank later today. The building opens at 6AM.

10/10/03 Tipple visited site//tank replacement//remediation in progress

6/16/04 tipple sent letter requesting documentation and work to continue
3/23/05 Tipple sent letter requiring gw monitoring to continue

7/19/05 Report reviewed//NFA letter sent

Map Identification Number 18 **HUNTS POINT AUTO PARTS** **Spill Number: 9702732** **Close Date: 11/28/2005**
1480 SHERDIAN EXPRESSWAY BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1100 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 1480 SHERIDAN EXWY
Revised zip code: 10459

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: MARK TUROFF
DEC Investigator: RCEDWARD

Spiller: JOE SIMONE - HUNTS POINT AUTO PARTS
Notifier Name: MARK TUROFF
Caller Agency: TRINITY PETROLEUM SYSTEMS
Contact for more spill info: JOE SIMONE

Spiller Phone: (718) 893-0303
Notifier Phone: (718) 257-8470
Caller Phone: (718) 257-8470
Contact Person Phone: (718) 893-0303

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/1997		TANK FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OLD TANKS WHICH WERE FILLED WITH WATER YEARS AGO WERE BEING

PRESSURE TESTED PER THE FIRE DEPT FOR TEN YEAR TEST

TANKS ORIGINALLY WERE FOR DIESEL AND GASOILNE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
3x550. Closed with water more than 5 years ago. FD required 10 year test because they were still listed as active. All 3 tanks (2 gas & 1 diesel) failed.

4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.

11/28/05 -Edwards - per file - Tanks removed. Remediation report and analytical results submitted to DEC 8/97.

Map Identification Number 19 **GARCIA RESIDENCE** **Spill Number: 0413444** **Close Date: 05/27/2005**
1316 WHEELER AVENUE NEW YORK, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1249 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Citizen
Caller Name: LYDIA CORREA
DEC Investigator: SFRAHMAN

Spiller: MRS. GARCIA - GARCIA RESIDENCE
Notifier Name: MRS. GARCIA
Caller Agency: STUYVESANT FUEL OIL
Contact for more spill info: MRS. GARCIA

Spiller Phone: (718) 861-4158
Notifier Phone: (718) 861-4158
Caller Phone: (718) 665-5700
Contact Person Phone: (718) 861-4158

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/26/2005		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Homeowner noticed fuel oil leaking under 275 gallon oil tank in basement. Bucket was placed to catch spill. USA Tanks on scene, and will handle. No oil spilled onto basement floor. 1/2 gallon oil is in bucket.

DEC Investigator Remarks:

3/29/05-Vought-Spill contained before hitting concrete. No sewers or drains affected. Vought called Correa for status of tank repair and she called USA Tanks. Proposal sent to owner for tank replacement by USA Tank. Vought called Garcia and to leave message that for spill to be closed, copy of invoice must be received for AST replacement. Stuyvesant Fuel Oil will no longer make deliveries until AST is repaired. No answer of phone. Spill referred to DEC Rahman to send out letter requiring invoice of repair or replace.
03/29/05-SR// Sent a leaking tank repair letter.
04/18/05-SR//No reply received from the home owner. No body picks up the phone. USA tanks also unable to hold the owner. So, they sent a proposal for the repair work via mail. Need site inspection.
04/18/05-SR// Visited the site.Homwowner was not available and could not access the basement.
04/19/05-SR//After a series of attempt, homeowner Ms. Juan Garcia(718-861-4158) was found on the phone this evening. She informed about the possible repair work to be done by this week.

Map Identification Number 20 **TANK LEAK IN REAR YARD** **Spill Number: 0400237** **Close Date: 01/12/2006**
1347 BOYNTON AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1466 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: CHAKRABORTY HIRONMOY - PRIVATE REIDENCE
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name: RUBEN CARBREAR
Notifier Phone: (917) 299-8289
Caller Name: RUBEN CARBREAR
Caller Agency: OWNER 1349 BOYNTON AVE
Caller Phone: (917) 299-8289
DEC Investigator: JMZALEWS
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/08/2004		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

CALLER SAYS HIS NIEGHBORS OIL LINE IS BROKEN AND IS LEAKING ON HIS PROPERTY< WOULD LIKE SOMEONE TO CHECK OUT SOAKED IN SOIL:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
4/8/2004 Sangesland spoke to Mr. Ruben Carbrear, owner of 1349 Boynton Ave, Bronx. He says oil is coming through the ground from a leak on his neighbor's property at 1347 Boynton Ave.

House at 1347 Boynton is in foreclosure and has had alot of Emergency Repair work done on it in the last 2 years by the city HPD. This house has an outdoor #2 oil tank standing in the back of the house. It looks like a new copper line going from the tank into the basement. The old copper line is discarded nearby. The area under this oil tank is saturated with oil and this oil has now migrated over the property line into the yard of 1349 Boynton.

Access to the yard of 1349 Boynton is available by ringing the bell at #2B of 1349.

Sangesland spoke to Deputy Inspector Harry Brown (718-579-6772) at the NYC- HPD. Mr. Brown was told that it appears that HPD contractors have done work on this site over the last several months which seems to have caused the spill problem. This area needs to be dug out, cleaned and then refilled and tank set up again. Mr. Brown said he would send an inspector to the site and if a spill was found, a contractor would be hired to conduct the cleanup.

Sangesland requested that HPD contact the DEC to arrange a joint visit to the building to discuss the clean up.

4/13/2004 Sangesland spoke with HPD Harry Brown. He said an inspector did go to the site and did see an oil leak problem. The case was referred to the HPD "Emergency Repairs" dept. Contact is Persey Young 212-863-8747. A message was left at this number for Mr. Young.

4/23/2004 Sangesland spoke with Persey Young of HPD. He said a contract was awarded to clean up the site at 1347 Boynton. He didn't know why this work has not yet started. Sangesland asked Mr. Young to contact Ruben Carberear (owner of 1349) to tell him what work would be done and when it would be done.

DEC needs to make contact with the HPD hired contractor to confirm that proper endpoint samples will be taken and a complete closure report will be submitted.

09/09/2005 - Changed DEC lead from Demeo to Zalewski. (Zalewski)

11/3/2005 - Spoke with Persey Young (HPD). He said that his records show that they inspected the site on May 12, 2004 and the spill was taken care of by the property owner. They closed the case on May 12, 2004. Placed a phone call to the original caller. He was NA. (Zalewski)

11/4/2005 - Placed another phone call to the original caller. He was NA. I was given his cellphone number. Tried cellphone. No answer. (Zalewski)

1/12/2006 - Placed a phone call to the original caller's cellphone. He confirmed that the new owner remediated the spill. He was satisfied with the cleanup. Based on the available information, no further action. (Zalewski)

Map Identification Number 21 **GETTY SVC STATION** **Spill Number: 9504305** **Close Date: 01/05/2006**
1441 WESTCHESTER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1662 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Spiller: GETTY STATION
Spiller Phone:
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: LAURIE JODICE
Caller Agency: LARRY TYREE CO
Caller Phone: (516) 249-3150
DEC Investigator: rjfeng
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/10/1995		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

COMPANY IS REMOVING UNDERGROUND TANKS AND HAVE FOUND CONTAMINATED SOIL NOTE/ CALLER WAS GIVEN A WRONG # OF 95-04280

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
SEE ALSO 97-04954 & 97-12845 & 97-00109.

04/11/03

Transfered from Tibbe to Vought

08/31/2005 - Feng - Project transferred from Vought to Feng.

10/20/2005 - Feng - Refer to Spill#: 97-00109

1/5/2006 - Feng - Spill closed and refer to 97-00109 @ same location. (RJF)

Map Identification Number 22 **1797 VYSE AVE** **Spill Number: 0112238** **Close Date: 03/06/2006**
1797 VYSE AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1941 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: SHARIMA RYAN
DEC Investigator: SLBENJAM

Spiller: UNKNOWN
Notifier Name:
Caller Agency: R N D SERVICES INC
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (845) 348-6355
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/28/2002		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

they found contaminated soil during a tank removal - they will excavated the soil

---

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
12/2/2003 Transferred from Sangesland to Rommel
PM changed to S. Benjamin on 6/15/2005. Groundwater was sampled on October 25, 2005 and analyzed for VOCs and SVOCs. The results did not indicate the presence of any of these compunds. Spill closed.

Map Identification Number 23 **APARTMENT BUILDING** **Spill Number: 8905394** **Close Date: 11/02/2006**
1275 WESTCHESTER AVENUE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2072 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: ASST. COMMISSIONER/DPM - NYC/HPD/DPM Spiller Phone: (212) 863-7087
Notifier Type: DEC Notifier Name: Notifier Phone:
Caller Name: ANTHONY SIGONA Caller Agency: NYSDEC Caller Phone: (718) 482-4933
DEC Investigator: rvketani Contact for more spill info: Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/31/1989		TANK FAILURE	2-477443	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
UNKNOWN PETROLEUM	UNKNOWN	3000	GALLONS	0	GALLONS	

Caller Remarks:

TANKS-A-LOT IS PUMPING OUT OIL MIXED WITH ASBESTOS FROM 1275 WESTCHESTER AVENUE, PUMPING OIL FROM PIT.

DEC Investigator Remarks:

7/27/05 - Transferred for closure review to M Johnson.

6/15/06 - Transferred for closure review to T Knizek.

9/7/06 - Austin - Assigned from Albany to Region 2 staff (Ketani) for review and closure - end

11/1/06 - Raphael Ketani. Site is an apartment building. There was a tank failure. Tanks-A-Lot was pumping out a mix of asbestos and oil from a pit. The site is block/lot 02758/0036.

The site is owned by the Human Resources Administration, 250 Church Street, New York, 10013-3429. The agency involved was DPM/HPD, 100 Gold Street, #6Z1, New York, 10038. Assistant Commissioner of DPM was at (212) 863-7087. I called up the 7087 number, but the person answering the phone said that the building was not in the HPD database.

I called up Tanks A Lot from the Bronx (718) 387-8300/927-0350. I spoke to a woman who answered the phone and explained that I needed information on this old spill. She said she wasn't sure there were any records, but she will take a look.

I called up Mr. Edwin Lugo of DPM at Gold Street (212) 863-7312. I could only leave a voice mail.

11/2/06 - Raphael Ketani. I made an unannounced site visit. I went to the entrance to 1275 Westchester Avenue and was met by heavy security. I was told that the building is an HRA building and to wait outside. Women, some with babies and young children, were coming and going from the building. I was directed to a side entrance at 1138 Longfellow Avenue. Heavy security met me there. I met the super of HRA Adult Institutions, Mr. Hollis. He showed me the boiler room, the first electrical room, and the second electrical room. Each room was absolutely dry and clean with a solid concrete floor that did not have cracks and was painted. No vapors were detected with the PID in the boiler room and the first electrical room. However, the second electrical room had about 70 ppb of vapors. What these vapors were I could not tell as there were no odors. Also, this room had a side room or large niche where an oil tank might have once been kept. Mr. Hollis told me the building was converted to gas a long time ago.

I brought this spill case to the attention of Randall Austin, Chief Spills Engineer Region 2. He told me that I can close this case.

Based upon the lack of impirical or incidental evidence of a spill, the lack of direct evidence that a spill event took place, the lack of any personnel who were present at the time of the spill from the apartment building or the cleanup company, the lack of any papers documenting the spill, I am closing the case.

1/8/07 - Raphael Ketani. I received a call from Naim (na-eem) Brown of the CPC (Community Preservation Corporation). He asked whether the spill had been closed. I told him it had. He asked that I send him an NFA letter. I told him I would.

The letter went out today to Mr. Brown at the CPC, 31-54 Albany Crescent, Bronx, 10463.

CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 24 **MADISON SQUARE BOYS & GIRLS CLUB HOUSE** **Spill Number: 0104700** **Close Date: 07/14/2005**
1665 HOE AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1382 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Tank Tester
Caller Name: JIM DONELAN
DEC Investigator: RXMUSTIC

Spiller: CEDERIC DEW - MADISON AV CLUB
Notifier Name: EMPLOYEE
Caller Agency: PROTEST ENTERPRISES
Contact for more spill info: CEDERIC DEW

Spiller Phone: (718) 328-3900 ext. 1
Notifier Phone:
Caller Phone: (631) 321-4670
Contact Person Phone: (718) 328-3900 ext. 1

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

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/01/2001		TANK TEST FAILURE	2-607913	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

no comments

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
John Leddy Protest submitted passing report for test on 10/2/01. PBS (Jie) did not process the passing test reports due to discrepancy of tank capacity.

01/26/04

TRANSFERRED FROM ROMMEL TO AUSTIN

02/17/04: Reassigned from AUSTIN to KRIMGOLD.

Mustico - 10/2/2001, Protest Enterprises conducted an excavate and isolate, and tank retest. Sent 05/29/2002 letter to Mr. Moore of Madison Square Boys & Girls Club House with passing test report conducted on 10/2/2001.

Map Identification Number 25 **18-30 SOUTHERN BLVD** **Spill Number: 8904473** **Close Date: 09/30/1992**

18-30 SOUTHERN BLVD NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P4)
Approximate distance from property: 2260 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 1830 SOUTHERN BLVD
Revised zip code: 10460

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC TRANSIT AUTHORITY
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTIAN LOREFICE
Caller Agency: TANK TESTING
Caller Phone: (718) 789-3770
DEC Investigator: BATTISTA
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/04/1989	09/30/1992	TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

7.5K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, COULDN'T STABILIZE, WILL EXCAVATE & INVESTIGATE.

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

Map Identification Number 26 **BRONX RIVER HOUSES -NYCHA** **Spill Number: 9412464** **Close Date: 02/03/2006**
1575 EAST 174TH STREET BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P6)
Approximate distance from property: 2306 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10472

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC HOUSING AUTHORITY
Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: MARIO MANDALONE
Caller Agency: NYC HOUSING AUTHORITY
Caller Phone: (212) 306-3142
DEC Investigator: SWKRASZE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/16/1994		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN

Caller Remarks:

GROSS FAILURE - COULD NOT MAINTAIN LEVEL

DEC Investigator Remarks:

12/21/05: This spill transferred from J.Kolleeny to S.Kraszewski.

02/03/06: This spill closed to consolidate with open spill #8908309. - SK

Map Identification Number 27 **BRONX RIVER HOUSES -NYCHA** **Spill Number: 9411941** **Close Date: 02/03/2006**
1575 EAST 174TH STREET BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P6)
Approximate distance from property: 2306 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 1605 EAST 174TH STREET
Revised zip code: 10472

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC HOUSING AUTHORITY
Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTIAN LORIFICE
Caller Agency: NYC HOUSING AUTHORITY
Caller Phone: (212) 306-3233
DEC Investigator: SWKRASZE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/07/1994		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
002		Unknown	0.00	UNKNOWN

Caller Remarks:

ISOLATE-REPAIR-RETEST

DEC Investigator Remarks:

12/21/05: This spill transferred from J.Kolleeny to S.Kraszewski.

02/03/06: This spill closed to consolidate with open spill #8908309. - SK

Map Identification Number 28 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8704437** **Close Date: 03/03/2003**
1372 STRAFFORD AVE. NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2367 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 1372 STRATFORD AVE
Revised zip code: 10472

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: ST. JOAN OF ARK
Spiller Phone: (212) 843-2233
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: ADMIN. CLOSED
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/28/1987		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

5K TANK SYSTEM FAILED HORNER TEST, HIGH VOLUME LEAK, TO ISOLATE AND RETEST. CONTACT REV. KEEHAN AT 212 843-2233.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
3/3/2003 Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 29 **COLISEUM DEPOT -NYCT** **Spill Number: 9011026** **Close Date: 09/13/2006**
1000 EAST TREMONT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 2598 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYCTA
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SCOTT SCHUCK
Caller Agency: FENLEY & NICOL
Caller Phone: (516) 586-4900
DEC Investigator: MCTIBBE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

(2) 5K TANKS FAILED PETRO TITE WITH A GROSS LEAK,UNSURE OF ACTION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
11/16/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/16/94.

transfered from Hale to Tibbe on 12/27/00. see also 91-09910, 89-04868 & 89-05782. tanks removed. final investigation after depot reconstruction.

09-13-06: Former Coliseum Depot was demolished and new West Farms Depot was constructed directly over historic plume. An investigation was performed that identified some residual soil contamination with minor groundwater contamination and no indication of separate pase product. The extent of contamination was defined as a small area essentially under the new depot. The soil contamination not appear to be causing groundwater contamination and the plume appears to be stable if not shrinking.

Map Identification Number 30 **COLISEUM DEPOT-NYCT** **Spill Number: 8905782** **Close Date: 12/27/2000**
1000 EAST TREMONT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 2598 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: NYC TRANSIT AUTH BUS DEPO
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTIAN LOREFICE
Caller Agency: TANK TESTING INC
Caller Phone: (718) 789-3770
DEC Investigator: MCTIBBE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/12/1989		TANK TEST FAILURE	2-190349	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

20K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL ISOLATE & RETEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
11/15/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/15/94.

transfered from Hale to Tibbe on 12/27/00. refer to 89-04868. tanks removed. final investigation after depot reconstruction.

Map Identification Number 31 **COLISEUM DEPOT -NYCT** **Spill Number: 8904868** **Close Date: 06/30/2005**
1000 EAST TREMONT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 2598 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: NYCT
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTAIN LOREFACE
Caller Agency: TANK TEST INC.
Caller Phone: (718) 789-3770
DEC Investigator: MCTIBBE
Contact for more spill info:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/16/1989		TANK TEST FAILURE	2-190349	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
DIESEL	PETROLEUM	-1.00	GALLONS	-1.00	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

noticed visual leak in fill box. will repair.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
transfered from Hale to Tibbe on 12/27/00.

tanks removed. final investigation after depot reconstruction. see also 89-05782, 8904868 & 9109910.

refer to 9011026.

Map Identification Number 32 **BRONXDALE HOUSES -NYCHA** **Spill Number: 9006953** **Close Date: 01/12/1998**
1471 WATSON AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2639 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 1471 WATSON AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: NYCHA
Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: ROBERT CANDELFO
Caller Agency: TANK TESTING INC
Caller Phone: (718) 789-3700
DEC Investigator: SACCACIO
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/25/1990		TANK TEST FAILURE	2-473529	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN

Caller Remarks:

10K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK IN MANWAY, WILL EXCAVATE, ISOLATE & RETEST.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

Tank removed. During tank replacemnt contamination was found and a new spill was opened. The new spill number is 9711292.

CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 33 **MANHOLE #26176** **Spill Number: 9913455** **Close Date: 07/10/2003**
1471 W FARMS RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 436 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: JIMMY FOX
DEC Investigator: JHOCONNE

Spiller: UNKNWON
Notifier Name: MR TRAYNOR
Caller Agency: CON ED
Contact for more spill info: JIMMY FOX

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

cleanup pending test results ref #130160

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
E2MIS 130160

Feb 28, 2000 @ 10:45

Lopriore, mechanic "A", reports while clean and flushing manhole # 26176 he noticed that oil was being sucked into truck. He immediately stopped cleanup.

Mechanic reports approximately 1 quart of unknown oil in mud at bottom of manhole. Samples were taken and cleanup will resume as 50-499 ppm. Conduit plate (15-I-3) indicates no sewer connection. Manhole has earthen sump and Chem-lab will be notified when sample of earthen sump can be taken.

Mar. 04, 2000

Cleanup completed by 00:40 hrs. by A. Guarino and E. Henn. The manhole was power washed with cleaning solution. According to A. Guarino there were no earthen sump. 400 gallons of water was removed along with 1 quart of unknown oil, which test results came back as less than 1 PPM. Tag number 24377 was removed.

03/04/00 @ 07:30 Hrs.

Closed out job.

17-DEC-2002 13:40

NYSDEC Return the following question:

DEC WAS GIVEN VERBAL SAMPLE RESULTS FROM CIG ON 2/28/00 AT 0500 HRS. OF 58 PPM PCB. E2MIS REPORT SAYS RESULTS ARE 1 PPM. WHY

THE DISCREPANCY?

This incident did not occurred until 2/28/00 at 10:45, No verbal would have been given at 05:00 on 2/28/00.

NYSDEC was notified that the results of a Manhattan Electrical Distribution Incident 130079 were 58 ppm PCB by CIG R. Roach on 2/28/2000 05:18. This incidents NYS DEC spill number is 99-13455, the Manhattan incident with 58 ppm PCB is 99-13255.

Map Identification Number 34 **0940 (TRANFORMER MANHOLE)** **Spill Number: 0011553** **Close Date: 06/05/2001**

E 173 ST & W FARMS RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 532 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: E 173RD ST / W FARMS RD
Revised zip code: 10460

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR TRAYNOR	Notifier Phone:	(212) 580-6765
Caller Name:	PETE MAGUIRE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6765
DEC Investigator:	KMFOLEY	Contact for more spill info:		Contact Person Phone:	

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/25/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT UNK OIL - CLEAN UP PENDING LAB RESULTS - REF #135224

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
CON ED E2MIS REPORT 1-25-01

1pt of unknown oil on top of water and mud in TM #940. Conduit plate 16-m-1 indicates a sewer connection. TM was being pumped when sheen was noticed on top of water, pumping ws halted. Source /cause of spill unknown. samples taken

Arocor none; PCB <1.00ppm

Unit was pressure tested on 1-28-01 and passed. Secondary cables need to be replaced, the insulation is falling off the cbale which caused smoking in the vault. Cables were not replaced because of rain.

2-15-01 1300hrs.

Feeder 4x45 scheduled to be taken out of service this evening in oder to perform a transformer replacement and an environmental cleanup on 2-16-01 hasbeen cancelled due to a conflict with water pollution plant customer equipment. Feeder will be rescheduled for outage on 2-23-01.

19:45hrs.

Env. Ops. completed cleanup of TM. Crew removed approx. 1pt oil and 1.200gals. of water. Cleaned and double washed the TM, tag removed. Cleanup completed at 19:45hrs.

Map Identification Number 35 **MANHOLE 27283** **Spill Number: 0007945** **Close Date: 10/02/2000**
W FARM RD/E 173 RD ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 532 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: E 173RD ST / W FARMS RD
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	TED ROBICHAUD	Notifier Phone:	(212) 580-6763
Caller Name:	TED ROBICHAUD	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	TED ROBICHAUD	Contact Person Phone:	(212) 580-6763

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/05/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

clenaup pending labs

133811

1 qt total product

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
DEC Investigator Notes:

Third party spill from meat packing plant. Jane O'Connell referred Con Ed to NYC Dept of Health for follow-up. According to Con Ed's Larry Fischer of Bronx/Westchester Underground, there are three vaults that have been affected for many years by the same meat packing plant.

e2MIS Notes:

1 quart of unknown oil on top of 200 gallons of a mix of water, grease (from meat house in front of hole) and oil in manhole #27283. Appears to be a 3rd party spill from meat market. Conduit plate 16-m-1 indicates no sewer connection. Sample will be taken. Address of store 1565 West Farms Road is where 3rd party spill came from.

Map Identification Number 36 **STARLIGHT PARK** **Spill Number: 0305387** **Close Date: 11/14/2003**
SHERIDAN EXPWY (E. 173RD) BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (2)
Approximate distance from property: 553 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: TOM HUSBAND
DEC Investigator: TJDEMEO

Spiller: SAME - UNKNOWN FOR NOW
Notifier Name: SAME
Caller Agency: TULLY CONSTRUCTION
Contact for more spill info: TOM HUSBAND

Spiller Phone:
Notifier Phone:
Caller Phone: (917) 417-2112
Contact Person Phone: (917) 417-2112

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

HE NOTICED A SPILL ON HIS PROPERTY.UNKNOWN WHEN IT OCCURRED LOOKS LIKE HYDRAULIC OIL OR FUEL OIL.SPILL IS IN THE CONSTRUCTION AREA

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
Tom Husband of Tully Construction says someone dumped approx 5 gal of waste oil into an open excavation trench. Mr. Husband called Tully Environmental who said they would do the following:

1) excavate the problem, stage to plastic and cover

2) take endpoint samples

3) prepare a report to DEC with manifest, endpoint test results,

writeup of problem & solution.

11/14/03 TJD

Site is an old MGP site being utilized by Tully Construction as a contstruction staging area for roadwork and rehabilitation of the Sheritan Expy. During site visit Demeo identified several areas with visible contamination from poor housekeeping. The most significant area of contamination was in the vicinity of a newly installed catch basin adjacent to the bronx river. Tully

project manager Tom Husband was informed of DEC inspection findings and directed to remediate impacts.

Tully excavated saturated soils from the impacted catch basin and has staged the material on site for disposal. Endpoint samples were taken revealing TAGM exceedances which are similar to known contamination which previously existed at this site as a result of the previous MGP operations. Remediation at site for impacts caused by Tully have been remediated.

Site does not meet standards. Spill closed.

Map Identification Number 37 **BRONX RIVER** **Spill Number: 9800775** **Close Date: 02/12/2003**
EAST 172ND ST/WESTCHESTER BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 961 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: EAST 172ND ST / WESTCHESTER AV / BRONX RIVER
Revised zip code: 10472

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Fire Department
Notifier Name:
Notifier Phone: (917) 769-0483
Caller Name: SOLLIN
Caller Agency: NYC FIRE
Caller Phone: (917) 769-0483
DEC Investigator: KGHALE
Contact for more spill info: SOLLIN
Contact Person Phone: (917) 769-0483

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/17/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

UNKNOWN MATERIAL FOUND SPILLED IN ABOVE LOCATION. FIRE DEPT

ON SCENE AND ARE TRYING TO DETERMINE MATERIAL AND CAUSE OF

SPILL. REQUEST CALL BACK FROM DEC ASAP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALE"
02/12/2003-Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 38 **GETTY #276** **Spill Number: 9709839** **Close Date: 09/24/2003**
1720 BOONE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1081 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Other
Caller Name: JOE PISEL
DEC Investigator: JBVOUGHT

Spiller: SCOTT J HANLEY - GETTY #276
Notifier Name: CLIFF KELLER
Caller Agency: TYREE ENVIROMENTAL
Contact for more spill info: SCOTT J HANLEY

Spiller Phone: (718) 324-5202
Notifier Phone: (516) 249-3150
Caller Phone: (516) 249-3150
Contact Person Phone: (718) 324-5202

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/24/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Upon tank removal contaminated soil was discovered.Soil is being

stockpiled for removal.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
3/13/03 REASSIGNED FROM ROMMEL TO VOUGHT.

4/30/2003-Vought-Report review by Vought.

Tank Closure Report-July 1998-Tyree Brothers (William Conroy-631-249-3150) Twelve (550-gallon) gasoline, one (550-gallon) fuel oil and one (550-gallon) waste oil UST removed on 11/24/97 due to property divestment. Residential apartment buildings located to north and west. Junkyard located "underneath the northeastern side of subject property". Part of site is located above ground on concrete pillars. Eight endpoint soil samples collected and anlyzed for 8021/8270. 184.14 tons of impacted soil were removed from Site. Analyticals show PAH contamination under fuel oil tank (up to 1180ppb benzo(a)anthracene), PAH contamination in endpoint samples from waste oil tank (up to 1160ppB benzo(a)anthracene). Endpoint soil samples from gasoline excavation show up to 700ppb MTBE.

8/12/98-Letter sent by O'Dowd requiring subsurface contamination.

12/2/99-7/20/01-Quarterly Monitoring by Tyree. Three wells installed 7/99 showing up to 1090ppb MTBE in groundwater. Total

phase high vacuum extraction on W-3 as of 8/15/2000 which ended as of 8/15/2000. No well installed down gradient (southWEST on 8/15/2000 report) of well showing highest contamination (W-3) at 1090ppb MTBE. 8/21/2000-7/20/2001 report shows flow direction to southEAST (with no downgradient wells) and MTBE concentration of 47ppb. 11/9/2000-5/8/2001 report indicated TPHVE on W-3. 8/21/2001 report shows flow direction to south again with no downgradient wells. 7/20/2001 report shows three monitoring wells with no TAGM 4046 exceedances despite no downgradient wells

9/6/2001-Vought-Tyree requests NFA on-site due to no TAGM exceedances.

4/15/2003-Vought-Vought receives message from Brendan Boderick (631-419-0913x27) and Tony Lichi (212-695-8900 regarding requesting report review/NFA letter.

5/1/2003-Vought-After report review NYSDEC requires downgradient water and soil samples, for new building on-site (as per discussion with owner Jay Kim 201-346-9684 (f), 201-954-1547 (p) on 5/1/2003) and current site and surrrounding property sketch.

5/5/2003-Vought-Sends letter to Tyree denying NFA in addtion to requirements from 5/1. Vought called Broderick and left a message with NFA denial and message of faxing letter to Mr. Kim.

7/18/03-Vought-Annual Monitoring Report-Two monitoring wells on-site (one well was destroyed). Groundwater flow to the south.

7/29/2003-Vought-Email to DEC from David Pachan (Tyree)-Two soil boring were performed downgradient from W-3 and refusal was encountered at 15'. Another geoprobe rig was scheduled to return to site to obtain water sample.

8/27/2003-Vought-Another attempt at obtaining groundwater sample resulted in four additional refusals. Deepest dry soil sample obtained from 15-17' and soil analyticals showed no TAGM 4046 Soil Cleanup Objective exceedances. No TAGM Groundwater exceedances. Spill closed by Vought as per DEC Rommel.

Map Identification Number 39 **CHURCH** **Spill Number: 0611989** **Close Date: 01/31/2007**

1010 EAST 174 STREET BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1115 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: PRIVATE DWELLING
Spiller: FRANK RACINE - CRYSTAL TRANSPORT
Spiller Phone: (718) 828-3100
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: SMSANGES
Contact for more spill info: CHURCH OFFICE
Contact Person Phone: (718) 991--6663

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/30/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OWNER WOULD NOT LET OIL COMPANY IN TO CHECK TANK AND THEY FILLED TANK AND SOME LEAKED OUT, NOW building manager ARE LETTING THEM IN TO CLEAN UP:

DEC Investigator Remarks:

Sangesland spoke to Frank Racine at Crystal Transportation.
Spill of about 10 gal #2 onto the cement basement floor - All cleaned

Map Identification Number 40 **APEX SALES** **Spill Number: 0605983** **Close Date: 08/29/2006**
1235 BRONX RIVER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1146 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: SALVAGE YARD
Spiller Phone:
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: JBVOUGHT
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/23/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

ANTIFREEZE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reports a fire at a salvage yard. Fire caused the spill of the materials. No cleanup company has been contacted. FDNY is on the scene. 2nd call at same time from FF Morris Hazmat 1 FDNY at 914.552.2516 requests on call rep to call.
Petty Officer Sierra of US Coast Guard req call back from reg 2 DEC Rep in ref to impact of Bronx River @ 718-354-4121

DEC Investigator Remarks:

08/24/06-Vought-Off hours spill responder. Vought repsonded to spill on 8/23/06 at 21:00 and fire still in progress so site inspection not possible. Vought inspected Bronx River (separated from Apex Sales by train tracks) and no impact to Bronx River other than sheen. Sheen may also be biological but unable to tell due to lack of light. No free product or impacted wildlife noted. As per FDNY Hazamat three tanks were onsite: two (275-gallon) fuel oil and one (275-gallon) waste oil and currently tanks were not comprimised. Buildings adjacent to site were evacuated however no toxic fumes noted (other than burning cars and debris). Contact information for owner is:

Apex Sales
Bill Maio
718-328-7000
cell: 914-760-3831.

Fire may have been started on adjacent train tracks. Vought received call from FDNY Chief Weinlein (718-999-7900) on 8/23 at 21:16pm and access to site still not possible. Vought told him that site inspection would be performed on 8/24/06 and he would be called with results. Vought called Weinlein and left message informing him that site inspection was performed and DEC's only requirement was recovery of small puddle of transmission oil (approximately 10' in diameter) in rear of property. Vought conveyed requirement to Bill Maio (owner) and owner will submit invoice and documents of cleanup (possible disposal manifest). Vought also met with Resa Dimino (Bronx River Alliance 718-430-4648) and walked River and site with her. She agreed on no spill to Bronx River and requested no further action from DEC. Vought received call from USCG (718-354-4121) and returned call and left message with DEC requirement. Vought will followup with with cleanup of puddle of transmission oil on 8/25/06.

08/29/06-Vought-received letter from Apex Sales Towing & Leasing dated 8/25/06. "We have rectified all hazards to the yard at to your specifications. Enclosed please find receipt for the materials purchased to facilitate the removal of these hazards".
Receipt from S&S Adsorbents and EnviroWaste Oil Recovery also included for druming and disposal of used adsorbent materials.
Spill closed by Vought

Map Identification Number 41 **MANHOLE 17607** **Spill Number: 0201783** **Close Date: 06/07/2002**
1431 LONGFELLOW AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1178 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	(000) 000-0000
Notifier Type:	Affected Persons	Notifier Name:	ANDREW MORRIS	Notifier Phone:	(212) 580-6763
Caller Name:	ANDREW MORRIS	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	KMFOLEY	Contact for more spill info:	CALLER	Contact Person Phone:	

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/18/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller states that there was a manhole fire. a car was parked on top of the manhole and the oil is poss from the veh. unk

coned#142864

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #142864:

18-MAY-2002 06:05

Flush Mech W. Silkowski #82003 reports that he responded to a emergency outage to assist number nine when he observed ~ 2 gallons of unknown oil possibly from a car that was parked over the structure at the time that of the secondary burn out occurred. Environmental tag #32975 has been placed, and a sample has been taken. There was fire, and smoke involved and private property affected. There has been buildings evacuated at this location. How many is unknown at this time.

06:10 Astoria has no tanker.

06:15 Shift Manager has notified EH&S that the crew will be cutting all the mains that lead to the structure avoiding working in the unknown oil.

06:15 Chemist has been requested by Shift Manager T. Curley.

06:19 Chemist is being called in from home.

06:29 All State is in route to location.

18-MAY-2002 06:40

CIG Morris #85791 notified. Car that was involved in the incident is a 1986 Honda NYS licence plate #BRS-1355.

18-May-2002 07:30

Chemist was canceled, Flush Mech W. Silkowski will bring three samples out to chem lab to save time. Sample types taken. Oil ID, Flash point, and PCB.

18-May-2002 08:00

Update: There were six buildings involved in the evacuation, and all occupants were let back into the buildings at 06:30.

18-May-2002 09:15

Flush Mech E. Gafur #19528 reports All State Tanker on location.

09:25 EPA # requested from ERT S. Mahoney #86887.

09:30 EPA #NYP 004 098 471 generated. Update: Feeder number 4X55 OA at the time of this incident, and the fault is believed to be in this structure.

18-May-2002 10:00

Flush Mech W. Silkowski #82003 reports that the product in the structure was ignited by the faulty cable in the structure, and was extinguished by the FDNY. It appears that most of the product burnt off. Chem labs reports that the product is mostly water, and they will not be able to test for flash point.

18-May-2002 10:19

Flush Mech E. Gafur #19528 reports that clean up is complete at this time. All State Power Vac Tanker removed 600 gallons of unknown liquid the is being treated as 50-499 PCB. The structure was double washed by E. Gafur, and no solid waste other than a 4’ X 8" piece of wood which was drumed, and transported back to Van Nest in a Con Ed Van that is not normally used for this fuction. Clean up complete, and environmental tag is removed.

18-May-2002 11:20

Solid waste drum is not being transported to Van Nest, it will be picked up by Astoria Transportation. O.S. T. Tottora reported the there is no oil coming from the secondary, but the lead jacketed secondary is badly burnt. The waste is being treated as lead hazardous. 11:25 called Astoria for a drum pickup.

18-May-2002 14:00

Solid waste drum has been picked up.

Page 1 of 1 5/18/2002

Consolidated Edison

Environment, Health and Safety ChemLab

NELAP NY Lab ID No: 10380

Lab Sequence Number: 02-04476-001 Date Approved: 5/18/2002

E2 Incident Number: 142864 Date Received: 5/18/2002

Chain of Custody ID: CC01259 Date Sampled: 5/18/2002

PCB Analysis by EPA 608/8082

MATRIX: WATER GRAB

DESCRIPTION: WATER/OIL FROM MH#17607

LOCATION: F/O 1431 LONGFELLOW AVE

STRUCTURE: MANHOLE 17607 FEEDER ID:

QC ID: 01-200205120902

TEST DESCRIPTION RESULT UNIT METHOD

Aroclor 1242 < 1.0 ppm EPA 608/8082

Aroclor 1254 < 1.0 ppm EPA 608/8082

Aroclor 1248 < 1.0 ppm EPA 608/8082

Aroclor 1260 < 1.0 ppm EPA 608/8082

THE DCB SURROGATE WAS OUT OF THE QC LIMITS. SINCE ALL OF THE SAMPLE WAS USED, RE-ANALYSIS WAS NOT POSSIBLE. THE REPORTED PCB VALUE IS THE MINIMUM AMOUNT DETECTED.FLASHPOINT WAS NOT RUN DUE TO NATURE OF THE SAMPLE-ALL WATER MATRIX.

Approval Status: APPROVED

Approved By: Edward Chin

Title: SUPERVISOR

--End of Report-- Search for Results at: http://q137lims/lims

18-May-2002 14:10

All waste from this structure both liquid, and solid are being disposed of as lead hazardous waste due to sample result that were received less than 1 ppm PCB that is the only known hazardous substance in the waste.

Map Identification Number 42 **MANHOLE 8157** **Spill Number: 0101819** **Close Date: 06/19/2001**
173RD ST AND HOE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1245 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: E 173RD ST / HOE AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: CHARLIE MCCARTHY
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: BRIAN MCGEEVER
Caller Agency: CON EDISON
Contact for more spill info: CHARLIE MCCARTHY

Spiller Phone:
Notifier Phone: (212) 580-6765
Caller Phone: (212) 580-6765
Contact Person Phone: (212) 580-6765

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/16/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill 2 quarts on top of 200 gallons of water will be cleaned up pending results con edison ref # 137114

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
CON ED E2MIS REPORT 5-16-01

Found 2qts. of unknown oil on 200gals. of water in MH-8157. No sewers/waterways affected. tag installed and sample taken.

0635hrs.

Cannot clean spill within 24hrs.,no flush crew .

5-22-01 1342hrs.

Tanker removed 1500gals.of water, 2qts of oil. Flush truck 750lbs. of solids. The cleanup is complete at this time. Tag removed.

Total PCB <1ppm

Map Identification Number 43 **ON SIDEWALK** **Spill Number: 0313583** **Close Date: 06/07/2004**
1259 EVERGREEN AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1255 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: BILL MURPHEY CON ED
DEC Investigator: SKARAKHA

Spiller: ERT DESK - ON SIDEWALK
Notifier Name: BILL MURPHEY CON ED
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-8383

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

unknown cause and unknown spill sours. Con ed will clean up: No to 5 Questions; Con Ed # 152450

DEC Investigator Remarks:

e2mis 152450

Trouble Shooter HV Rafael Peralta 07981 reports finding third party spill of 1/4 gal. motor oil on soil and leaves bet. sidewalk and curb f/o 1259 Evergreen Av, Bx. from an unk. vehicle. No fire or smoke was/is involved. No release to sewer or waterways. Cleanup started by employee Peralta 07981 and Splicer Earl Hamilton 62670 at 08:50 hours.

Cleanup completed by employee Peralta 07981 and Splicer Earl Hamilton at 09:30 hours and 1 bag of non haz oily debris waste generated and disposed of at Van Nest SC waste handling area.

Map Identification Number 44 **THOMAS RES** **Spill Number: 9815456** **Close Date: 06/16/2004**
1252 BRONX RIVER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1263 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
Notifier Type: Responsible Party
Caller Name: ROSE GUIDO
DEC Investigator: JMKRIMGO

Spiller: ROSE GUIDO - PETRO OIL
Notifier Name: FRANK CORONA
Caller Agency: PETRO OIL
Contact for more spill info: MRS THOMAS

Spiller Phone: (718) 628-3349
Notifier Phone:
Caller Phone: (718) 628-3349
Contact Person Phone: (718) 893-8939

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/29/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

fitting loosened after making delivery - clean up crew will respond

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
NO SEWERS OR DRAINS, CREW ON ITS WAY FOR CLEAN-UP. SPILL IS ONTO DIRT.

01/26/04

Reassinged from Rommel to Austin

02/17/04: Reassigned from AUSTIN to KRIMGOLD.

6/16/04. Unable to contact owner. Minimal spill. NFA.

Map Identification Number 45 **MURPHY CONSOLIDATED -NYCHA** **Spill Number: 9008873** **Close Date: 03/14/2006**
1700 HOE AVENUE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1390 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Responsible Party
Caller Name: RICHARD MEVILLE
DEC Investigator: SWKRASZE

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

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 306-3229
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/13/1990		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

POSSIBLE CRACK IN FILL BOX, SPILL CONTAINED & CLEANED UP.

DEC Investigator Remarks:

01/24/06: This spill transferred from J.Kolleeny to S.Kraszewski. - SK

03/14/06: This spill deemed no threat to the environment or public health and safety. This spill closed out. - SK

Map Identification Number 46 **RESIDENCE** **Spill Number: 0512325** **Close Date: 01/25/2006**
1463 HOE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1425 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Affected Persons
Caller Name: CARMELLO SINTRON
DEC Investigator: SFRAHMAN

Spiller: CARMELLO SINTRON - RESIDENCE
Notifier Name: CARMELLO SINTRON
Caller Agency: RESIDENT
Contact for more spill info: CARMELLO SINTRON

Spiller Phone: (917) 645-5588
Notifier Phone: (917) 645-5588
Caller Phone: (917) 645-5588
Contact Person Phone: (917) 645-5588

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/24/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

carbon from chimney is coming into the apartment, even with the windw closed, fumes are coming in the house and the ceiling is becomeing back in color. Called fire department yesterday and said that the landlord was working on the boiler and they would stop sorking for a day or so. they have not been professional and would like a call back

DEC Investigator Remarks:

01/25/06 Sharif//As per RSE, DEC Spill response unit does n't oversight this kind of complain. So, I called notifier Carmello Sintron to call NYC call center 311 and get the appropriate department involved with this matter.

Map Identification Number 47 **1787 WEST FARMS ROAD** **Spill Number: 9501349** **Close Date: 05/21/1998**

1787 W. FARMS ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1430 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: NYCDOS
Spiller Phone: (718) 542-3232
Notifier Type: Other
Notifier Name:
Notifier Phone:
Caller Name: WILLIAM FILONELL
Caller Agency: LEHRER, MCGOVERN, BOVIS
Caller Phone: (718) 937-3286
DEC Investigator: JMKRIMGO
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/02/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DETECTED ODOR OF PAINT PRODUCT WHILE DOING A SITE EVALUATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
See ISRP.

Map Identification Number 48 **BRONX EAST A DOS -DDC** **Spill Number: 0485277** **Close Date: 12/07/2004**
1787 WEST FARMS ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1430 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC DEPT. OF SANITATION
Spiller Phone:
Notifier Type: DEC
Notifier Name:
Notifier Phone:
Caller Name: JON KOLLEENY
Caller Agency: NYSDEC
Caller Phone: (718) 482-6388
DEC Investigator: JAKOLLEE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/07/2004		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL, GROUNDWATER

Caller Remarks:

Two 2K tanks, gasoline & diesel, closed-in-place in 1995. Follow-up investigation found low levels of residual soil and groundwater contamination.

DEC Investigator Remarks:

Two 2K tanks, gasoline & diesel, closed-in-place in 1995. Follow-up investigation by LiRo Engineers, summarized in Feb. 2002 ISRP report, found low levels of residual soil and groundwater contamination. DEC approved monitored natural attenuation. After several years of groundwater monitoring, samples from all wells in October 2004 showed groundwater meeting State standards.

OK to close. - J. Kolleeny

Map Identification Number 49 **BRONX EAST A DOS -DDC** **Spill Number: 0109268** **Close Date: 12/20/2001**
1787 WEST FARMS ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1430 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: MIKE BYRNE
DEC Investigator: JMKRIMGO

Spiller: NY CITY SANITATION
Notifier Name:
Caller Agency: LIRO KASSNER
Contact for more spill info: MIKE BYRNE

Spiller Phone:
Notifier Phone:
Caller Phone: (716) 882-5476
Contact Person Phone: (716) 882-5476

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES PRODUCT IS IN MONITORING WELL INVESTIGATION CONTINUING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
WRONG SPILL LOCATION REPORTED. THE PRODUCT IN WELLS WAS FOUND AT 1661 WEST FARM RD., WHICH IS AT THE BRONX 3A DOS GARAGE AND ALREADY HAS A SPILL # 9810571 ASSIGN TO IT.

Map Identification Number 50 **Spill Number: 0330022** **Close Date: 09/02/2003**
1406-8 BRYANT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1454 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: RAYMOND FELICIANO
DEC Investigator: CESAWYER

Spiller: UNKNOWN
Notifier Name:
Caller Agency: SALEM PENTECOSTAL TEMPLE
Contact for more spill info: RAYMOND FELICIANO

Spiller Phone:
Notifier Phone: (718) 733-2965
Caller Phone: (917) 673-0105
Contact Person Phone: (718) 733-2965

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

RECEIVED LAND FROM CITY AND WHEN THEY YANKED THE TANK THEY FOUND CONTAMINATED SOIL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
DDO SAWYER THE CLEANUP IS UNDERWAY.

8/11/03 Brookside contracted to do cleanup, soil samples taken 8/5/03. Project mgr.- Andrew Edgar 516-377-6300

End point samples to be taken either Thurs or Fri.8/14-15/03

9/2/03 Sawyer Reviewed laboratory results and since only one of the contaminants was above cleanup range (chrysene) sent no further action letter. Some soil manifest may follow. Closed.

Map Identification Number 51 **SERVICE BOX 2252** **Spill Number: 9912859** **Close Date: 03/02/2000**
1230 COLGATE AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1482 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: STEVEN CRIBBIN
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: MR MARKERT
Caller Agency: CON ED
Contact for more spill info: STEVEN CRIBBIN

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-8576
Contact Person Phone: (212) 580-8576

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/11/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

sheen found on water - clean up in progress - con ed 129948

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
CON ED

E2 MIS REPORT

2/11/00

Oily sheen on approx. (100) gallons of water, Conduit plate 12-M indicates no sewer connection.

2/11/00 @12:00hrs. cleanup is in progress but will take longer than the two hours mentioned earlier, sheen is being soaked up with diapers.

2/11/00 @12:45 hrs. sheen in service box #2252 has been vleaned up (1) plastic bag of absorbant diapers was generated an dwill be disposed as industrial waste.

Map Identification Number 52 **MANHOLE 495** **Spill Number: 9908693** **Close Date: 02/22/2002**
WEST FARM RD/ FREEDMAN ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1490 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: W FARMS RD / FREEMAN ST
Revised zip code: 10459

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: STEVEN CRIBBIN
DEC Investigator: COMENALE

Spiller: UNKNOWN
Notifier Name: MR MCCABE
Caller Agency: CON ED
Contact for more spill info: STEVEN CRIBBIN

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-8576
Contact Person Phone: (212) 580-8576

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/18/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 gals of oil found ontop of the transformer. clean up pending lab results. con ed 128-499

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

Map Identification Number 53 **MEDEX** **Spill Number: 0302597** **Close Date: 04/10/2006**
1028 FREEMAN ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1610 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: MIKE SEPE
DEC Investigator: jdjarrat

Spiller: RON OGRADY - MEDEX
Notifier Name: MIKE SEPE
Caller Agency: FENLEY & NICOL ENVIRO.
Contact for more spill info: RON OGRADY

Spiller Phone: (718) 617-1522
Notifier Phone: (631) 586-4900
Caller Phone: (631) 586-4900
Contact Person Phone: (718) 617-1522

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/11/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

line test failure

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
Sangesland DDO

Sent TTF letter modified to read "Line Test Failure"

12/10/03 mt/// Transferred from Tipple to Rommel

7/15/05 Transferred to Jarratt (co)
Fenley & Nicol contacted about latest status of line failure - awaiting response.
10/3/05 Brian McCabe of Fenley & Nicol contacted for information. (631) 586-4900 ext. 191
2/27/06 Igor Goldstein of GC Engineering will remove tank and file report.
4/10/06 Report received. Spill closed.

Map Identification Number 54 **VAULT #1664** **Spill Number: 0504213** **Close Date: 01/05/2006**
SOUTHERN BLVD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1637 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10460

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: TIMOTHY PARKER
DEC Investigator: SKARAKHA

Spiller:
Notifier Name: MR. FISHER
Caller Agency: CONED
Contact for more spill info: ERT DEST

Spiller Phone:
Notifier Phone: ( ) -
Caller Phone: (212) 580-8383
Contact Person Phone: (212) 580-8383

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/10/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Unknown oily substance (2 quarts) spilled from an unknown source, on land, outside vault cover (grating). Not cleaned up as of yet.

DEC Investigator Remarks:

e2mis no 159642

Larry McDuffie reports finding ~ 2 qts of unknown oily substance on 500 gallons of water. No sewers, waterways or private property were affected. Crew feels that a fast food resturant (HUT FRIED CHICKEN & PIZZA, 1460 Southern Blvd-718-620- 1860) is dumping the substance into the Company facility. The grating of the vault has the same substance all over it. Crew hung environmental tag # 42864 in structure. Crew took 2 samples for PCB & OIL ID on chain of custody (dd-13428). Clean up pending sample results.

Lab Sequence Number: 05-06738-001 Date Approved: 7/10/2005
Total PCB <1 PPM

Lab Sequence Number: 05-06739-001 Date Approved: 7/10/2005
Analysis indicates the presence of a substance similar to a cooking oil.

04-August-2005 02:47 Hrs
Flush Mechanic Michael Williams 83739, reports cleanup complete, structure was double washed and rinsed, flush truck removed 1/2 cubic yard of nonhazardous flush debris, CFS tanker removed 250 gallons of nonhazardous oily water, source of oil appears to be from Hun Chicken, a restaurant next to the vault, dumping used cooking oil into the structure. Environmental tag has been removed.

Map Identification Number 55 **BRONX RIVER** **Spill Number: 0008407** **Close Date: 05/03/2005**
WESTCHESTER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1667 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: Citizen Notifier Name: Notifier Phone:
Caller Name: DIONISIO ROSA Caller Agency: CITIZEN Caller Phone: (718) 665-9402
DEC Investigator: SMSANGES Contact for more spill info: CALLER Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/18/2000		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

caller reports sheen on water from pipe thet goes into river.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
A citizen called in a spill (#0008407)on the Bronx River, just south of Westchester Ave along the west side bulkhead of an abandoned cement plant. Sangesland responded to the site and did NOT see any sheen on the river.

Sangesland reported the spill to the USCG. Since Sangesland was headed out to the site, the USCG was short staffed and asked for a site report. Once at the site, Sangesland called the USCG back and said no spill was seen.

At the site, was a crew (15 people) from the NYC Parks Dept. who were cleaning up the lot and water's edge. Mr. Brian Aucoin (718-430-18) a Conservation Specialist with the Parks Dept. explained that the city got special funding to fight the West Nile Problem and they were removing several hundred old tires from the shore area and generally cleaning the site up. To prevent any garbage from floating downstream, the NYC DEP set up a boom across the river which is cleared frequently.

In addition to the garbage/tire issue, there was a break in the water main (to the on site fire hydrants) which was flooding the site and could have flushed out some surface contamination onto the river. DEP has been notified and they are trying to isolate and fix the line.

On the property Sangesland found 5 aboveground petroleum storage tanks which were abandoned when the cement plant was abandoned. They all appeared to be empty for quite some time with no signs of contamination around them. They are all closed (no rainwater going in) and all appeared to be secure. The Parks Dept person said this whole area was going to be demolished and rebuilt as a park.

Sangesland did not see any petroleum spillage or any obvious sources. Parks Dept. is cleaning up the site and they were asked to call the Spills Hotline if they see any type of spillage or sheen on the river.

Map Identification Number 56 **NYC HUMAN RESOURCES** **Spill Number: 9712845** **Close Date: 02/18/1998**
1209 COLGATE AVENUE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1684 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: BARBARA QUINLAN
DEC Investigator: MCTIBBE

Spiller: GETTY GAS STATION
Notifier Name: BARBARA QUINLAN
Caller Agency: NYC HUMAN RESOURCES
Contact for more spill info: BARBARA QUINLAN

Spiller Phone:
Notifier Phone: (718) 589-2002
Caller Phone: (718) 589-2002
Contact Person Phone: (718) 589-2002

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/18/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ONGOING PROBLEM. EVERYTIME IT RAINS, FUMES ENTER BUILDING THROUGH BASEMENT. CALLER STATES THAT DEC HAS BEEN NOTIFIED OF THIS BEFORE. CALLER ADVISED TO CALL FIRE DEPARTMENT IF ANYONE BECOMES SICK THERE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
REFER TO 97-00109. SEE ALSO 97-04954 & 95-04305.

Map Identification Number 57 **HUD HOUSING PROJECT** **Spill Number: 9704954** **Close Date: 11/19/1997**
1209 COLGATE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1684 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Citizen
Caller Name: TERRY STALZER
DEC Investigator: MCTIBBE

Spiller: UNKNOWN - GAS STATION NEXT DOOR TO
Notifier Name:
Caller Agency: NYC DEP
Contact for more spill info: MRS QUINLAN

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 565-6777
Contact Person Phone: (718) 589-2064

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/25/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

FD EVACUATED HUD HOUSING PROJECT YESTERDAY FOR SAME PROBLEM-SMELL

OF GASOLINE IS COMING THROUGH BASEMENT WALL-CALLER STATES IT IS

COMING FROM GAS STATION NEXT DOOR-NO ADRESS OR PHONE FOR IT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
GETTY GAS STATION, REFER TO 97-00109. SEE ALSO 97-12845 & 95-04305.

Map Identification Number 58 **BRONX RIVER** **Spill Number: 0506235** **Close Date: 08/22/2005**
WESTCHESTER AVE/EDGEWATER BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1743 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: WESTCHESTER AVE / EDGEWATER RD
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
Spiller:
Spiller Phone:
Notifier Type: Other
Notifier Name: BRONX RIVER ALLIANCE
Notifier Phone:
Caller Name: JILLIAN OSORIO
Caller Agency: NYC DEPT PARKS/REC
Caller Phone: (646) 613-1200
DEC Investigator: RWAUSTIN
Contact for more spill info: ANNMARIE RUNFOLA
Contact Person Phone: (917) 743-7352

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SURFACE WATER

Caller Remarks:

Oil slick found on shoreline of river, going into river with tide.

DEC Investigator Remarks:

8/22/05 - Austin - On 8/20, I spoke with Anne Marie Runfolo (sp?) of the Bronx River Alliance, who had called NYC Parks about a sheen along the western shoreline of the Bronx River, between the Cross Bronx X-way and Westchester Ave. (upland area is a City Park know as "Concrete Plant Park.)She also indicated that there was a pipe discharging from the eastern shoreline of the river, across from the park. The pipeline was located at the northern parking lot of ABC Carpets, on Bronx River Ave. She had seen these events while on a canoe trip on the river.

I then went to the site, and investigated the complaints. No sheen was observed in the river, but there was leaf matter floating on the water, indicating a storm sewer discharge from the storm event that had occurred on 8/19. I also observed the discharge on the eastern shoreline, which appeared momentarily, and then stopped. I went to the parking lot by ABC Carpet, but by them there was no floatables/foam from the discharge, so could not locate the pipe amongst the brushy and inacessible shoreline. Will refer latter complaint to DOW/DEP for outfall investigation. Spill closed - end

Map Identification Number 59 **VACANT LAND** **Spill Number: 0610428** **Close Date: 02/13/2007**
1698 BOSTON ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1743 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: GASOLINE STATION
Spiller: WISCZYK FAMILY LLC - VACANT LAND
Spiller Phone: (718) 491-4400
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: rvketani
Contact for more spill info: KEVIN KLEAKA
Contact Person Phone: (631) 269-8800

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/14/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING EXCAVATION TO LOCATE POSSIBLE BURIED TANKS, CONTAMINATED SOIL WAS DISCOVERED: IT WAS DETERMINED THAT TANKS WERE PREVIOUSLY REMOVED: THIS IS VACANT LAND BUT PREVIOUSLY OPERATED AS A GAS STATION:

DEC Investigator Remarks:

Sangesland spoke to Kevin at Impact.
Site was over excavated by Impact Environmental, endpoint samples taken and photographs taken. Dug down to bedrock with no fractures found. Completed report should be submitted to DEC by late Jan 2007.

2/13/07 - Raphael Ketani. Today, I received the 2/2/07 Underground Storage Tank Closure Report from Impact Environmental. I reviewed the report and found the data and documentation to be acceptable. There were no VOC hits. Samples EP-2, EP-3, and EP-4 had only several SVOC hits each and these were mostly below the TAGM RSCO standards.

There is no PBS case.

Based upon the removal of soil down to bedrock, the removal of the waste oil tank and the contaminated soil around the tank, and the absence of VOC contamination and only slight SVOC contamination in a limited area, I am closing the spill case.

3/9/07 - Raphael Ketani. John Herbig of Impact Environmental called to request an NFA letter for the site. He said that it was part of the contract between Impact and the owners. He said the letter should go to: Wiczyk Family, LLC, 1525 Bedford Avenue, Brooklyn, NY 11216: Attn: Roee Wiczyk. Mr. Herbig also asked to be "c-c'd" on the letter and that it be sent to Impact Environmental, 170 Keyland Ct., Bohemia, NY, 11716.

I drafted an NFA letter and submitted it to Randall Austin, Chief Spills Engineer, Region 2.

3/20/07 - Raphael Ketani. Mr. Austin approved the NFA letter and I sent it out today.

Map Identification Number 60 **1624 BOSTON RD** **Spill Number: 9707749** **Close Date: 02/01/2007**
1624 BOSTON RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 1814 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Other
Caller Name: PETER DIGRAZIA
DEC Investigator: qxabidi

Spiller: EAGLE S/S
Notifier Name:
Caller Agency: MAIN ELMSFORD CORP
Contact for more spill info: TANIR GAYR

Spiller Phone:
Notifier Phone:
Caller Phone: (914) 632-2818
Contact Person Phone: (718) 328-0118

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES HE IS REMOVING TANKS FROM GASOLINE STATION AND HAS NOTICED AN ODOR OF GASOLINE. CALLER STATES THERE IS NOT A SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
04/12/04

TRANSFERRED FROM TIBBE TO VOUGHT.

9-23-05 - TRANSFERRED FROM VOUGHT TO OBLIGADO

10/13/06: This spill is transferred from Mr. Koon Tang to Q.Abidi.
Contacted to Mr. Tanir Gayr at (718)328-0118 he said that old tank has been removed and new tank were put over there at the Gasoline station. Mr. tanir Gayr said he will find out about End point soil sample and he will call me back. -QA

10/18/06: Mr. Jim DeMartins (Hydrogeologist) J.R.Holcmacherpe Company (631)234-2220 he asked me to send the spill report at (631)234-2221(F). He said that he will find out the report regarding spill. -QA

10/25/06: Called Mr. Jim he said he is trying to get informations regarding spill as soon as he will get the information he will call me back. -QA

11/01/06: Called Mr. Jim DeMartins at (631)234-2220 he said that he will send a closing confirmation letter on this friday November 3rd, 2006. -QA

11/03/06: Recieved letter from Jim Martinis by fax to close the spill.
Called Jim Martinis and discuss about the spill. This is Federal Law that if you removed the tank you must collect the soil sample for analytical tests to make sure that there is no contamination in soil. Jim Martinis said he will talk to the client regarding this and he will arrange soil samples for analytical tests. As soon as it will be done he will send me the report. -QA

11/27/06: Mr. Jim DeMartinos (J.R.Holzmacher) called me and said that soil samples have already been taken as soon as he will get the report he will send it to me. -QA

12/07/06: Called Jim Demartinos at (613)234-2220 and left message to call me back regarding soil samples. -QA

12/08/06: Called Mr. Jim DeMartinos and left message to call me back.

12/11/06: Called Mr. Jim DeMartinos regarding soil samples and left message to call me back. -QA

12/19/06: Recieved soil samples report from Mr. Jim DeMartinis. These four soil samples on the sides of the former tank bed. The sample were collected at 7 to 8 feet below land surface. All soil samples are cleaned.
Called Mr. Jim to take one groundwater sample near the tank or down gradient to be sure about the contamination. He said that he will talk to his client. -QA

12/20/06: Called Mr. Jim Demartinis (Consultant) and said to take one groundwater sample near the tank or down gradient. send diagram showing slope of groundwater also send boring logs and PID readings. -QA

01/16/07: Called Mr Jim Demartinis and asked to take one or two soil sample from the former fills (it is shown in the diagram). Take two consecutive samples. One is when they get high PID readings contaminated soil and other is when the bed rock comes. -QA

02/01/07: Called Mr. Jim DeMartinis at (516) 983-6987 to discuss this spill. He said when the tanks were removed in 1997 they did not collect any endpoint soil samples. They excavated all the soil from the area and backfilled with clean soil. They did Geoprobe borings to collect 4 soil samples. On the fifth boring they drilled down to the bedrock at 14 ft., they did not encounter any groundwater. The PID reading was zero. No soil sample was taken at this boring. They did a 6th boring in the area of the former fill port, as we requested. A soil sample was collected 40 to 48 inches below the sidewalk. It consisted of dark brown sand with abundant quartz pebbles and crystalline rock fragments (most likely fill). The PID reading was 0.0 ppm and there was no odor or staining. Lab results for the soil sample were non detect. Discussed spill with Mr. Jon Kolleeny (Supervisor) to close the spill. On the basis of the information provided, DEC staff closed this spill. -QA

Map Identification Number 61 **NEW HORIZON RETAIL CENTER** **Spill Number: 0201730** **Close Date: 09/19/2002**
971 EAST 174TH ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P6)
Approximate distance from property: 1821 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10460

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: CRAIG PETERSON
DEC Investigator: TJDEMEO

Spiller: UNK
Notifier Name: CRAIG PETERSON
Caller Agency: LANGAN ENGINEERING
Contact for more spill info: STEVEN CIAMBRUSCHINI

Spiller Phone: (000) 000-0000
Notifier Phone: (201) 794-6900
Caller Phone: (201) 794-6900
Contact Person Phone: (201) 794-6900

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/15/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TEST RESULTS SHOWED EVIDENCE OF PETROLEUM CONTAMINATION. WILL

CONTINUE TO INVESTIGATE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO/VOUGHT"
9/19/2002-VOUGHT-Remedial investigation report/remedial action workplan submitted by Langan (Elisa Quackkenbush 201-794-6900) in June 2002. Report identified five areas of concern (AOC)'s. AOC 1 petroleum impacted soil (Soil was excavated and endpoint samples passed TAGM Required Soil Cleanup Objectives(RSCO's)). AOC2: Surficial staining at southwest portion which was excavated and endpoint samples passed RSCO's AOC3:Petroleum impacted soil oat the northern portion of the site which was excavated and endpoint samples passed RSCO's AOC4:Petroleum impacted soil at the northern portion of the site AOC5:Petroleum impacted soil at the northern portion of the site. Both AOC 4 and AOC5 were excavated to bedrock and endpoint samples passed TACGM excluding Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and dibenzo(A,h)anthracene which had concentrations up to 2,000ppm. These exceedances attributed to fill (wood, ash, garbage) on bedrock. Soil was excavated to bedrock and groundwater samples passed TAGM Groundwater Standards. Disposal manifest and analyticals were sent to the NYSDEC. Spill closed by Vought.

Map Identification Number 62 **1235 ELDER AV** **Spill Number: 8805467** **Close Date: 09/27/1988**
1235 ELDER AV NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1823 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Affected Persons
Caller Name: CARL PELLIGRINO
DEC Investigator: WEBLEY

Spiller: DO-ALL EXTERMINATORS
Notifier Name:
Caller Agency: USPEA
Contact for more spill info:

Spiller Phone: (212) 292-2719
Notifier Phone:
Caller Phone: (201) 321-6794
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/21/1988	09/27/1988	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

EXTERMINATORS USED TRACKING POWDER ON MRS BONOMO'S LAWN FOR RATS-LATERDISCOVERED THIS ISN'T TO BE USED IN RESIDENTIAL LOCATION.
CASE REFER-RED TO PESTICIDES UNIT.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

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

Map Identification Number 63 **1233 ELDER AVE** **Spill Number: 9604559** **Close Date: 07/08/1996**
1233 ELDER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 1841 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Health Department
Caller Name: ANGELLA JENKINS
DEC Investigator: KSTANG

Spiller: UNK LANDLORD
Notifier Name: ANGELLA JENKINS
Caller Agency: HEALTH DEPT
Contact for more spill info:

Spiller Phone:
Notifier Phone: (718) 884-5499
Caller Phone: (718) 884-5499
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/05/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

local health worker went to check on a client and the client

complained about a horrible odor - tenent showed worker the

basement and it is aprox 2 ft deep with raw sewage/ waste water

the tenent has not seen the landlord to complain - unk if repair

will be done

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"

Map Identification Number 64 **URBAN HOMES** **Spill Number: 9814307** **Close Date: 03/04/1999**

17-07/17-09 BOSTON ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1916 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 1707-1709 BOSTON ROAD
Revised zip code: 10460

Source of Spill: UNKNOWN
Spiller: HPD OWNED PROPERTY
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name: JOSETTE HIBBERT
Notifier Phone: (718) 892-7090
Caller Name: JOSETTE HIBBERT
Caller Agency: URBAN HOMES
Caller Phone: (718) 991-0380
DEC Investigator: MMMULQUE
Contact for more spill info:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SEWAGE STORAGE TANK IS LEAKING ONTO THE URBAN HOMES PROPERTY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
DEP SENDING EMERGENCY SEWER CREW TO ASSESS.

Map Identification Number 65 **STREET** **Spill Number: 0310108** **Close Date: 12/02/2003**
HOME ST AND WESTCHESTER A NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1992 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: HOME ST / WESTCHESTER AV
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
Notifier Type: Police Department
Caller Name: CANNELLY
DEC Investigator: CESAWYER

Spiller: NYPD - UKNOWN
Notifier Name: CANNELLY
Caller Agency: NYPD
Contact for more spill info: NYPD

Spiller Phone: (646) 610-6020
Notifier Phone: (718) 610-6043
Caller Phone: (718) 610-6043
Contact Person Phone: (646) 610-6020

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/25/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

oil spilled from a truck for a block. oils could spilling sewer.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
Sanitation sanded

Map Identification Number 66 **1170 BRONX RIVER AVE** **Spill Number: 9109586** **Close Date: 02/28/2003**
1170 BRONX RIVER AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 2029 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE
Notifier Type: Other
Caller Name: M HALL
DEC Investigator: O'DOWD

Spiller: BRADFORD SWEET REAL ESTAT
Notifier Name:
Caller Agency: EMS
Contact for more spill info:

Spiller Phone: (212) 772-7550
Notifier Phone:
Caller Phone: (718) 862-4594
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/05/1991		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

SHEEN ON GROUNDWATER IN ONE OF FOUR BORING SITES.

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

Map Identification Number 67 **BOYNTON AV BETWEEN** **Spill Number: 9512241** **Close Date: 01/26/2004**
WESTCHESTER AV/E 172 ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2045 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: BOYNTON AV/WESTCHESTER AV/E 172ND ST
Revised zip code: 10472

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Other
Notifier Name: SANITATIONS OPERATIONS
Notifier Phone: (212) 788-4058
Caller Name: MRS WILLIAMS
Caller Agency: DEP
Caller Phone: (718) 595-6700
DEC Investigator: RWAUSTIN
Contact for more spill info: MR BARBA
Contact Person Phone: (212) 788-4058

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/29/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL WAS FOUND ON THE STREET. UNKNOWN ABOUT ANY INFO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
1/26/04 - AUSTIN - STREET SPILL - CLOSED - ORIG. ASSIGNED TO ENGELHARDT - END

Map Identification Number 68 **1714 CROTRONA PARK EAST** **Spill Number: 9814386** **Close Date: 09/14/1999**
1714 CROTRONA PARK EAST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2058 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 1714 CROTONA PARK EAST
Revised zip code: 10460

Source of Spill: PRIVATE DWELLING
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Citizen
Notifier Name: ALICE ISAACS
Notifier Phone: (718) 991-0380
Caller Name: ALICE ISAACS
Caller Agency: CITIZEN
Caller Phone: (718) 991-0380
DEC Investigator: O'DOWD
Contact for more spill info: ALICE ISAACS
Contact Person Phone: (718) 991-0380

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/02/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SMELL AND PRODUCT COMING FROM SEPTIC SYSTEM

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

3/2/99 13:50 HRS SPOKE TO MARIA MEGHAN (SEE WORKS WITH ALICE. ALICE WENT TO COURT) AT A MGT. OFFICE FOR IRVING HOME. THERE ARE 3 SEPTIC TANKS IN THE MIDDLE OF ANOTHER BLDGS, NOT MANAGED BY THEM. SHE SAID THAT YOU CAN SEE THAT'S ITS LEAKING AND YOU CAN SMELL IT. GAVE HER DOH #(NYC) 212-442-3372 AND TO CHECK THE YELLOW PAGES FOR NYC DOH #.

Map Identification Number 69 **RESIDENTIAL BLDG** **Spill Number: 0202887** **Close Date: 06/20/2002**
1680 CORTONA PARK EAST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2062 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 1680 CROTONA PARK E
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: LUCIA TRINIDAD
DEC Investigator: MXTIPPLE

Spiller: UNK - HESS
Notifier Name: LUCIA TRINIDAD
Caller Agency: BUILDING SUPER
Contact for more spill info: LUCIA TRINIDAD

Spiller Phone: (000) 000-0000
Notifier Phone: (718) 842-4114
Caller Phone: (718) 842-4114
Contact Person Phone: (718) 842-4114

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2002		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

BOILER WAS OVERFILLED WHICH CAUSED SPILL ONTO SIDEWALK IFO BLDG.

CURRENTLY BEING CLEANED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
SAME AS SPILL # 0202883

Map Identification Number 70 **HOE ST. SEEPAGE** **Spill Number: 8600851** **Close Date: 05/05/1986**
1206 HOE AVE. NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 2104 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: RWAUSTIN

Spiller: MRS. DEPENA
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone: (718) 378-0747
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/03/1986	05/05/1986	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	GROUNDWATER

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
10/10/95: This is additional information about material spilled from the translation of the old spill file: UNK. FUEL OIL.

Map Identification Number 71 **MANHOLE #19338** **Spill Number: 9912936** **Close Date: 02/27/2002**
WESTCHESTER &ELDER AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2202 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: WESTCHESTER AV / ELDER AV
Revised zip code: 10472

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name: MR MARKERT
Notifier Phone:
Caller Name: JIMMY FOX
Caller Agency: CON ED
Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE
Contact for more spill info: JIMMY FOX
Contact Person Phone: (212) 580-6763

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 gals on 700 gals of water - cleanup pending test results

ref#129969

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 72 **SB 19335** **Spill Number: 9912614** **Close Date: 02/26/2002**
ELDER AVE/WESTCHESTER AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2202 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name: MR TRAYNOR
Notifier Phone: (212) 580-6763
Caller Name: BILL MURPHY
Caller Agency: CON EDISON
Caller Phone: (212) 580-6763
DEC Investigator: COMENALE
Contact for more spill info: CALLER
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 20 GAL WATER SAMPLE TAKEN CLEAN UP PENDING 129857

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

Map Identification Number 73 **MANHOLE 17911** **Spill Number: 9913949** **Close Date: 03/22/2002**
MANOR AVE/E 172 STREET BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2219 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10472

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: MIKE CESARE
DEC Investigator: JHOCONNE

Spiller: UNK - UNK
Notifier Name: MR MCCABE
Caller Agency: CON EDISON
Contact for more spill info: CALLER

Spiller Phone: (000) 000-0000
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING A SPILLOF 1 PINT OF MATERIAL FROM IN A MANHOLE CLEAN UP PENDING LAB RESULTS ON 300 GAL OF WATER CON ED#130345

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

e2mis no. 130345:

3-10-00 09:48 C.D'Alisera 48339 Flush Department Supervisor reports he found 1-pint unknown oil on top of 300 gallons of water in

manhole 17911, located on the building line 1252-1254 Manor Ave. cross street E.172 St. Found on 3-10-00 at 09:25. Plate 14N indicates there is a sewer connection in this manhole. Water is stagnant. Sample taken and tag 24561 installed. Cleanup pending sample results.

3-11-00 06:29
Lab Sequence Number: 00-02269
<1.00 PPM

03/11/00
1831 hrs.
STRUCTURE # MH17911
DATE 03/11/00
TIME 1806
AMOUNT OF OIL REMOVED 1 PT.
AMOUNT OF WATER 900 GALS
CLEAN UP METHOD FLUSH TK & TANKER
NO SEWER CONNECTION
NO EARTHEN SUMP PUMP
TAG REMOVED 24561

Map Identification Number 74 **BRONX RIVER HOUSING** **Spill Number: 9404172** **Close Date: 06/24/1994**
1575 E. 174TH ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P6)
Approximate distance from property: 2306 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10472

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: COASTAL OIL
Spiller Phone: (718) 746-2417
Notifier Type: Affected Persons
Notifier Name:
Notifier Phone:
Caller Name: DORIS
Caller Agency: COASTAL OIL
Caller Phone: (781) 746-2417
DEC Investigator: CAMMISA
Contact for more spill info:
Contact Person Phone:

Spill Class: POSSIBLE REL WITH MIN POTENTIAL FOR FIRE OR HAZARD (OR KNOWN REL W/ NO DAMAGE);NO DEC RESP;WILLING RP;CORR ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/24/1994	06/24/1994	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	2.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

OIL CAME OUT OF VENT - CLEANED UP BY CUSTODIAN- FELL ON DIRT

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

Map Identification Number 75 **1589 EAST 172ND ST REALTY** **Spill Number: 9403618** **Close Date: 06/14/1994**

1589 EAST 172ND ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2352 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: NAYA BODINGER
DEC Investigator: SMMARTIN

Spiller: 1589 EAST 172ND REALTY
Notifier Name:
Caller Agency: 1589 E. 172 REALTY
Contact for more spill info:

Spiller Phone: (718) 543-8787
Notifier Phone:
Caller Phone: (718) 543-8787
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/30/1994	06/14/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SUSPECT POSSIBLE HISTORIC TANK OVERFILL- CONTAINED IN TANK ROOM; NEED LIST CONTRACTORS TO CLEAN UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 76 **Spill Number: 9912739** **Close Date: 02/17/2000**

1372 STRATFORD AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2367 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: JIM CAREY
DEC Investigator: MCTIBBE

Spiller: KING PETROLEUM
Notifier Name: JIM CAREY
Caller Agency: CASTLE OIL CORPORATION
Contact for more spill info: JIM CAREY

Spiller Phone:
Notifier Phone: (718) 579-3414
Caller Phone: (718) 579-3414
Contact Person Phone: (718) 579-3414

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/08/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	8.00	GALLONS	8.00	GALLONS	SOIL

Caller Remarks:

SPILLER IS A SUB CONTRACTOR OF CASTLE OIL

ACCIDENTAL OVERFILL OF TANK

ALL PRODUCT CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
CLEANED BY RP.

Map Identification Number 77 **1211 WARD AVE** **Spill Number: 0306639** **Close Date: 11/18/2005**

1211 WARD AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2373 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	MR ANCRUEM	Caller Agency:	HOMEOWNER	Caller Phone:	(914) 318-6180
DEC Investigator:	RPRUTLAN	Contact for more spill info:	MR ANCRUEM	Contact Person Phone:	(718) 893-8942

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/23/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states he had a company there today and they put in a new

boiler - some how they lost an unk amount of fuel from his tank

while doing so

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
9/23/03, ROSSAN-DDO: Called Mr Ancruem, who reported that

this spill happened about 2 weeks ago, while

some company was removing a boiler. Gave the spiller's phone # as

914-318 6180. Called this # . The machine came on, so a message

was left.

Ed.

Transferred to Rutland during Spill Reduction.

11/18/2005 Spoke to original caller, Mr. Ancruem (914) 318-6180. The spill occured when the boiler was being switched. Fuel oil in the line dripped out onto concrete basement floor and was cleaned up with sorbent. No drains or sumps were affected. Closed. - Rutland

Map Identification Number 78 **MANHOLE #25696** **Spill Number: 9902811** **Close Date: 05/18/2000**
E SIDE OF BOYNTON AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2375 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: BOYNTON AVE / WESTCHESTER AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: STEVE ROMERO
DEC Investigator: JHOCONNE

Spiller: UNK - UNK
Notifier Name: STEVE ROMERO
Caller Agency: CON EDISON
Contact for more spill info: STEVE ROMERO

Spiller Phone: (000) 000-0000
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL HAS BEEN CONTAINED-SAMPLES HAVE BEEN TAKEN-CLEAN UP CREW

TO RESPOND FOR CLEANUP. CON ED #125501

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con ed e2mis notes:

Approx 1 gal of unknown oil in mh 25696 while the FOD was marking up feeder 7x86. He states there is alot of sludge in the hole and 50 gal of water. Between the water and mud he estimates approx 550 gal.

<1ppm

Cleanup complete ... tag pulled.

Map Identification Number 79 **CROSS BRONX EXPRESSWAY** **Spill Number: 0100717** **Close Date: 04/19/2001**
BOSTON POST RD OVERPASS BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2381 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JIMMY FOX
DEC Investigator: KMFOLEY

Spiller: CALLER - CON ED
Notifier Name: JIMMY FOX
Caller Agency: CON EDISON
Contact for more spill info: JIMMY FOX

Spiller Phone: (212) 580-6763
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ASBESTOS	HAZARDOUS MATERIAL	1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

cleanup being evaluated at this time

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

Map Identification Number 80 **APARTMENT COMPLEX (IFO)** **Spill Number: 0008477** **Close Date: 10/20/2000**
1340 STRATFORD AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2410 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Fire Department
Caller Name: CHIEF RUDDICK
DEC Investigator: JMKRIMGO

Spiller: UNK - UNK
Notifier Name: CHIEF RUDDICK
Caller Agency: FDNY
Contact for more spill info: CALLER

Spiller Phone: (000) 000-0000
Notifier Phone: (917) 769-0361
Caller Phone: (917) 769-0361
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER IS AT THE SCENE OF AN ODOR OF FUEL OIL IN THE AREA OF THE ABOVE ADDRESS. WOULD LIKE A CALL BACK. SAME AS SPILL # 0008476.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 81 **IN THE STREET IFO** **Spill Number: 0008476** **Close Date: 10/20/2000**

1340 STRATFORD AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2410 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Local Agency
Notifier Name: MR RODDICK
Notifier Phone: (917) 769-0361
Caller Name: MORALES
Caller Agency: DEP
Caller Phone: (718) 595-6777
DEC Investigator: JMKRIMGO
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

THERE WAS A DELIVERY TO THE RESIDENCE THIS MORNING BUT UNK WHO MADE THAT DELIVERY - THE SPILL IS IN THE STREET AND SOME MAY HAVE GOTTEN INTO THE SEWERS - FIRE DEPT WILL BE PUTTING SPEEDY DRY DOWN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 82 **ODOR** **Spill Number: 9309296** **Close Date: 12/16/1993**

1544 WESTCHESTER AVENUE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P4)
Approximate distance from property: 2462 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNK
Spiller Phone:
Notifier Type: Federal Government
Notifier Name:
Notifier Phone:
Caller Name: TOM THOMAS
Caller Agency: NYC DEP
Caller Phone: (718) 595-4716
DEC Investigator: SJMILLER
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/1993		UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

SPOKE TO STEVE MILLER - ODORS COMING INTO STORE FROM GROUND. WOULD LIKE STEVE TO CALL HIM BACK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
10/10/95: This is additional information about material spilled from the translation of the old spill file: H2S ODOR

11/1/93, MILLER SPOKE WITH SUSAN OF 1544 WESTCHESTER AVE; ONGOING H2S & GREASE ODORS FOR TWO YEARS NYCDEP INSPECTED NEXT-DOOR MCDONALDS AND GOT SAME TO MAKE REPAIRS.

11/5/93 @0905HRS, MILLER MET T. THOMAS, DEP, AT SITE: CHECK MCDONALDS BUT NO ODORS OR GREASE IN BASEMENT TRAP; NO ODOR AT NEIGHBOR EITHER.

11/10/93 @ 1705HRS, MILLER SPOKE TO OWNER AT 1544 WESTCHESTER: NO PROBLEMS REPORTED.

11/18/02 @1215HRS, SUSAN RETURNED CALL - ODOR STOPPED FOR NOW.

12/16/93 @1410HRS, ODOR RETURNS BUT DISSIPATES QUICKLY.

Map Identification Number 83 **REAR YARD 1255 STRATFORD** **Spill Number: 0506244** **Close Date: 08/23/2005**
1255 STRATFORD AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2472 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: AZALIA MADDOX
DEC Investigator: RWAUSTIN

Spiller: UNKNOWN
Notifier Name: AZALIA MADDOX
Caller Agency: NYC DEP
Contact for more spill info: LINETTE GONZALES

Spiller Phone:
Notifier Phone: (212) 689-1520
Caller Phone: (212) 689-1520
Contact Person Phone: (646) 670-2497

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2005		UNKNOWN	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller states there is oil in the backyard and on the side of the house (unsure if on the house or on the ground). Oil found after delivery. No further information from caller.

DEC Investigator Remarks:

8/22/05 - Austin - Determined that complainant to DEP was Lynette Gonzales (718-860-2923). FDNY Haz Mat responded to this site and mopped up the free product. According to the FDNY dispatcher, Ms. Gonzales claimed that the product (50 gals. of heating fuel) was dumped on her property. Attempts by myself to contact Ms. Gonzales on 8/20 at the number given were unsucessful (person at other line said that Ms. Gonzales would call right back). Have staff follow up with siter inspection, when in the vicinity. - end

8/23/05 - Austin - Spoke with Ms. Gonzales this morning. Spill actually occurred from an over fill during a fuel delivery to 1255 Stratford. She contacted FDNY and us, as well as the superintendent. FD put down dryz-sorb. and super cleaned up yesterday. Spill was on side of building, on concrete. Ms. Gonzales satisfied with cleanup - close - end

Map Identification Number 84 **STEBBINS ST & JENNINGS ST** **Spill Number: 9311752** **Close Date: 03/05/2003**
STEBBINS ST / JENNINGS ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2548 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: STEBBINS AV / JENNINGS ST
Revised zip code: 10459

Source of Spill: UNKNOWN
Spiller: UNK
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name:
Notifier Phone:
Caller Name: DIANE DAVIS
Caller Agency: HOMEOWNER
Caller Phone: (718) 842-8868
DEC Investigator: SULLIVAN
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/03/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

POOLS OF OIL ON VACANT LOT - COMING UP THRU SOIL - RAIN WASHES DOWN STREET & ONTO ADJACENT PROPERTIES - ONGOING SINCE LAST SUMMER.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

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

Map Identification Number 85 **FREEMAN ST & INTERVALE** **Spill Number: 9414079** **Close Date: 01/23/1995**
FREEMAN ST & INTERVALE AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2557 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: FREEMAN ST / INTERVALE AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name: SABINE ACRARD
Caller Agency: NYC DEP
Caller Phone: (718) 595-6700
DEC Investigator: TOMASELLO
Contact for more spill info:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/23/1995	01/23/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NYFD CAME UPON SPILL AND CONTACTED MRS DENNIGAN AT NYC SANITATION (212) 788/4058. WHO WON'T DO ANYTHING WITH THE SPILL UNTIL IT IS IDENTIFIED BY DEC. UNK WHO SPILLED IT OR WHY

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

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

Map Identification Number 86 **VAULT TM1244** **Spill Number: 0000360** **Close Date: 01/17/2002**

WESTCHESTER AV & WARD AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2561 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: WESTCHESTER AV / WARD AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name: CANNER
Notifier Phone:
Caller Name: MIKE CESARE
Caller Agency: CON EDISON
Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/09/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 quart unk oil on 350 gallons of water - clean up pending lab results - ref #130825

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #130825 Notes:

4-9-00 1620hrs

1qt unknown oil on 50gal water in TM1244. Conduit plate #13N indicates no sewer or drain connections. Sample taken.

4-10-00 1430hrs

LSN 00-03443 <1ppm PCB

4-11-00

Cleanup completed. 1qt unknown oil and 500gal water removed. Hole was double washed. Cement sump was sealed.w

Map Identification Number 87 **170TH ST** **Spill Number: 0013276** **Close Date: 10/28/2005**
STEBBINS AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2597 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: E 170TH ST / STEBBINS AVE
Revised zip code: 10459

Source of Spill: UNKNOWN
Spiller: CITY OF NEW YORK
Spiller Phone:
Notifier Type: Citizen
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: JTPECK
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/20/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states there is a storage tank that is 1/2 out of the ground

with caps off - caller looked in and states there is still product in tank - unk if tank is leaking

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
01/26/04

Transferred from Rommel to Austin
02/17/04: Reassigned from AUSTIN to KRIMGOLD.

On 10/18/05, J Peck visited 1404-06 Stebbins Ave. on the corner of 170th St. He observed a above ground tank which was clean and protected by concrete block walls on three sides (see photographs). No evidence of poor housekeeping was visible.

Map Identification Number 88 **COLISEUM DEPOT-NYCT** **Spill Number: 9109910** **Close Date: 12/27/2000**
1000 EAST TREMONT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 2598 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 1000 E TREMONT AVE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYCTA
Spiller Phone:
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name: H MATZA
Caller Agency: NYCTA
Caller Phone: (718) 330-4581
DEC Investigator: MCTIBBE
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/17/1991		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LINE LEAK; SEEPING UP THRU CRACKED CONCRETE PAD.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
11/21/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/21/94.

transfered from Hale to Tibbe on 12/27/00. refer to 90-11026.

tanks removed. final investigation after depot reconstruction.

Map Identification Number 89 **SERVICE BOX 20600** **Spill Number: 9814692** **Close Date: 06/05/2002**
IFO 1317 MORRISON AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2630 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10472

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Affected Persons
Notifier Name:
Notifier Phone:
Caller Name: JOE DEVOTI
Caller Agency: CON EDISON
Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH
Contact for more spill info: CALLER
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1qt found in box. con ed #123551

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Con Ed e2mis #123551:

March 10, 1999

R. SOLER FROM EDS REPORTS THAT HE FOUND APPROXIMATELY 1 PT. OIL AND 200 GALLONS OF WATER IN SB 20600. SPILL IS CONTAINED AND

NO IMPACT TO THE ENVIRONMENT, WATERWAYS, OR SEWERS. SAMPLE TAKEN AND TAG 24693 IS IN PLACE ONE-DAY TURNAROUND. CLEANUP PENDING TEST RESULTS.

MARCH 11, 1999

*** PCB Results Of Analysis ***

E2MIS # DESCRIPTON AROCLOR RESULTS UNITS

-001 SAMPLE TYPE: WATER None <1.00 PPM

EQUIPMENT : SERVICE BOX # 20600

LOCATION : 1317 MORRISON AVE.

VAULT: N/A FDR: N/A

MAR.11, 1999 12:25

CLEAN UP COMPLETE AT 12:20 AND TAG #24693 PULLED.

CLOSED STATUS HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

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

Map Identification Number 90 **ABANDONED SERVICE STATION** **Spill Number: 0300164** **Close Date: 09/08/2003**
1471 WEST FARM RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 436 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 1471 W FARMS RD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Other
Caller Name: ROLAND FISHER
DEC Investigator: JBVOUGHT

Spiller: ROLAND FISHER - ABANDONED SERVICE STATION
Notifier Name:
Caller Agency: TYREE
Contact for more spill info: ROLAND FISHER

Spiller Phone: (631) 249-3150
Notifier Phone:
Caller Phone: (631) 249-3150
Contact Person Phone: (631) 249-3150

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/04/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller did tank removal and test results show soil contamination

caller believes line failed causing release

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
DEC Sigona sent letter notification for contaminated soil investigation on April 4, 2003.

4/8/2003-Vought-Received message from Roland Fischer (Tyree - 631-249-3150x352). Vought returned call and left message to return call. Vought received another message and again returned call and spoke with Roland. 6 (550-gallon) UST's were removed. Contaminated soil found at dispenser island. Tyree will excavate contaminated soil and take endpoint samples. Tanks in vaulted concrete on top of bedrock. Lines to be excavated are 20' long. Sidewalls will be composited and two grab samples from bottom of trench. Tank closure report will be sent including site plan, analyticals and disposal manifests.

4/24/2003-Vought-Received message from Roland on 4/14. Vought returned call on 4/24 and left message with Roland to return call with updates.

5/5/2003-Vought-Spoke with Roland and soil contamination found (30'x 20' excavation was performed, bottom was bedrock). One sample had xylene at 4000ppb. Roland will send tank closure report and spill closure report including site plan, disposal manifest and analyticals.

7/18/2003-Vought-Spoke with Roland Fisher and report is being sent to NYSDEC today.

9/8/2003-Vought-UST Closure Report-May 2003-Tyree Organization-Six (550-gallon) gasoline USTs were removed in 3/03. Groundwater not encountered in excavation but suspected at depth of 60' and flowing to the southwest. Bedrock at depth of 8' below grade. USTs were in a vault constructed by "direct pour of concrete onto the bedrock". Endpoint samples were collected from sidewalls and not collected from bottom due to bedrock. Soil analyticals show up to 3380ppb toluene(south wall), 70900ppb xylene(south wall) and 24000ppb napthalene(south wall). Tyree returned to site to peform additional soil removal under the former pump island area and removed 50 tons of soil. Seven subsequent soil endpoint samples were collected and soil analyticals showed two exceedances at 3050ppb xylene(west wall) and 3320ppb 1,3,5-trimethylbenzene(west wall). Spill closed by Vought as per Rommel due to 60' suspected depth to groundwater and excavation to bedrock (and hence no sensitive receptors). Spill closed by Vought.

Map Identification Number 91 **1534 BRYANT AVE/BRONX** **Spill Number: 8809969** **Close Date: 08/01/1989**

1534 BRYANT AVENUE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 554 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: MARTINEZ
Spiller Phone:
Notifier Type: Fire Department
Notifier Name:
Notifier Phone:
Caller Name: JOHN MCCOOK
Caller Agency: NYCFD
Caller Phone: (718) 403-1229
DEC Investigator: SIGONA
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/27/1989	08/01/1989	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

OIL SEEPING OUT FROM RETAINING WALL HEADING TOWARDS 1530 BRYANT AVENUEINTO SEWER, NYCDEP SEWER DIVISION NOTIFIED.

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

Map Identification Number 92 **1660 BOONE AVE** **Spill Number: 9203740** **Close Date: 03/21/2001**

1660 BOONE AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 600 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller:
Spiller Phone:
Notifier Type: Responsible Party
Notifier Name:
Notifier Phone:
Caller Name: M ELDER
Caller Agency: ATTORNEY
Caller Phone: (914) 338-6830
DEC Investigator: O'DOWD
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/09/1992		HOUSEKEEPING	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

7.0 PPB-7.2 PPB; TPH, TOLUENE. FORMER ADHESIVES PRODUCT CORP. ONGOING CLEANUP . NYCDEP INVOLVED.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

3/23/99 originally assigned to Koon Tang. RE-assigned to Kerri O'Dowd. THIS SPILL WAS CLOSED UPON NYCDEP (ENZO CATANZARO, HAZ MAT SECTION) ATTESTING TO THE FACT THAT THE NYCDEP-SUPERVISED REMOVAL OF DRUMS BY THE RP HAD BEEN COMPLETED A COPY OF THE MANIFEST RECORDS IS IN THE HARD COPY FILE. CLOSED BY R. AUSTIN. NO OTHER REMEDIAL WORK KNOWN TO BE DONE, OTHER THAN THE DRUM

REMOVAL.

Map Identification Number 93 **BRONX EAST 03A DOS -DDC** **Spill Number: 0314316** **Close Date: 05/09/2005**
1661 WEST FARMS ROAD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 612 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: MIKE BYRNE
DEC Investigator: AIIslam

Spiller: CHEIF 4 FACILITIES OP.
Notifier Name: MIKE BYRNE
Caller Agency: LIRO ENGINEERING
Contact for more spill info: CHEIF 4 FACILITIES OP.

Spiller Phone: (212) 788-4077
Notifier Phone: (716) 882-5476
Caller Phone: (716) 882-5476
Contact Person Phone: (212) 788-4077

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/31/2004		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

spill occured due to faulty oil water seperator, unknown ammount spilled, seperator system has been shut down.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"
TRANSFERRED TO I. ISLAM
5/9/05- The site is under remediation by LiRo Engineers. Since there is another open motor oil spill (#9810571) at the site, this spill is closed to consolidate with that one.- II.

Map Identification Number 94 **1498 BRYANT AVE** **Spill Number: 0409544** **Close Date: 11/30/2004**
1498 BRYANT AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 617 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: DAN SILVESTRO
DEC Investigator: SMSANGES
Spiller: DAN SILVESTRO
Notifier Name: DAN SILVESTRO
Caller Agency: ATLAS FUEL
Contact for more spill info: DAN SILVESTRO
Spiller Phone: (718) 893-4400
Notifier Phone: (718) 893-4400
Caller Phone: (718) 893-4400
Contact Person Phone: (718) 893-4400

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/24/2004		HUMAN ERROR	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

driver went to the wrong address and overfilled the tank.cleaning the spill up now.

DEC Investigator Remarks:

11/30/2004 Sangesland spoke to Dan Silvestro. He says there was a 5 gal spill onto a driveway. The whole spill was on cement.
The second day, the oil company went back to the site and laid out new drysol and swept again. Site is all clean.

Map Identification Number 95 **AMTRAK** **Spill Number: 8605475** **Close Date: 12/01/1986**
174TH ST BRONX RIVER AVE NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1646 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: E 174TH ST/BRONX RIVER AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name:
DEC Investigator: UNASSIGNED
Spiller: AMTRAK
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/28/1986	12/01/1986	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PCB OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CLEANED UP BY AMTRAK FIRE DEPT. HAZMAT ON SCENE DEP CHEMIST ON SITE CHECK FOR PCB NONE FOUND.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 96 **MINFORD PL &EAST 172ND ST** **Spill Number: 8904140** **Close Date: 02/09/1998**

MINFORD PL / E 172ND ST NEW YORK CITY, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1706 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Spiller: MILCHMAN REALTY-OWNER
Spiller Phone: (212) 654-5959
Notifier Type: Local Agency
Notifier Name:
Notifier Phone:
Caller Name: KEN FRADKIN
Caller Agency: NYCDEP
Caller Phone: (212) 669-8926
DEC Investigator: SIGONA
Contact for more spill info:
Contact Person Phone:

Spill Class: KNOWN RELEASE THAT CREATES A FIRE OR HAZARD;DEC RESPONSE;UNKNOWN RESPONSIBLE PARTY;CORRECTIVE ACTION TAKEN

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/26/1989		TANK OVERFILL	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2000	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

HIRED FENELY & NICHOL UNDER DEC CONTRACT TO PUMP OIL FROM ABANDDONED UNDERGROUND TANK LEFT MANHOLE OPEN WITH AN OIL SPILL ONTO SURFACE. SERIOUS HAZARD TO PUBLIC LOT OPEN AND NEXT TO OPEN FIELD.

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

Map Identification Number 97 **WESTCHESTER @ CLOSE AV/BX** **Spill Number: 8909355** **Close Date: 12/29/1989**
WESTCHESTER AV @ CLOSE AV BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1731 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: WESTCHESTER AV / CLOSE AV
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK
Spiller: M B FUEL OIL CO
Spiller Phone:
Notifier Type: Fire Department
Notifier Name:
Notifier Phone:
Caller Name: JOHN CASSIDY
Caller Agency: NYFD HAZ MAT
Caller Phone: (212) 847-0588
DEC Investigator: SULLIVAN
Contact for more spill info:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/27/1989	12/29/1989	TRAFFIC ACCIDENT	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1000	GALLONS	0	GALLONS	SEWER

Caller Remarks:

CLEAN UP CONTRACTOR WAS A L EASTMOND, MOST OF THE OIL WAS PUMPED INTO VAC TRUCK, SPEEDY DRY WAS APPLIED & CLEANED UP, CLEANED UP BY SPILLER ON 12/27/89.

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

Map Identification Number 98 **CROSS BX EPWY/SHERIDAN EX** **Spill Number: 9312169** **Close Date: 01/15/1994**
CROSS BX EXPWY/SHERIDAN E BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2051 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: CROSS BRONX EXY/SHERIDAN EXY
Revised zip code: 10460

Source of Spill: COMMERCIAL VEHICLE
Spiller: WESZCO
Spiller Phone:
Notifier Type: Fire Department
Notifier Name:
Notifier Phone:
Caller Name: FIREFIGHTER NOUZA
Caller Agency: NYC FD
Caller Phone: (718) 476-6288
DEC Investigator: O'DOWD
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/15/1994	01/15/1994	TRAFFIC ACCIDENT	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

SADDLE TRUCK HIT HIGH CURB RUPTURED TANK DEP ON SCENE SANITATION NOTIFIED DIKED SEWERS & PATCHED TANK.

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

Map Identification Number 99 **NYCT** **Spill Number: 8906508** **Close Date: 11/06/2001**

1801 BOSTN RD / E 175 ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2167 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 1801 BOSTON RD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: SAME
Spiller Phone:
Notifier Type: Federal Government
Notifier Name:
Notifier Phone:
Caller Name: MARGARET CHONG
Caller Agency: USEPA
Caller Phone: (201) 548-8730
DEC Investigator: TOMASELLO
Contact for more spill info:
Contact Person Phone:

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/15/1989	11/06/2001	ABANDONED DRUM	YES	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

DRUM DUMPED BY TA ON THEIR OWN PROPERTY-DISCOVERED BY ECO'S. AT LEAST10 DRUMS OF "DEXTRON" TRANSMISSION FLUID & METHYL ALCOHOL. NYFD ON SCENE. TOMASELLO RESPONDING TO ADVISE ECO'S ON CLEANUP.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: MINRL SPIRTS/MTHL AL.

11/06/01: MF-R9 SPILL OVER 12 YEARS OLD, ECO'S RESPONDED ALSO. DEAD ISSUE. NO FURTHER ACTION POSSIBLE. ****COMPUTER FILE****

Map Identification Number 100 **BRONX RIVER HOUSES -NYCHA** **Spill Number: 9612598** **Close Date: 08/15/1997**
1575 EAST 174TH STREET BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P6)
Approximate distance from property: 2306 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10472

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: RAY VELEZ
DEC Investigator: HEALY

Spiller: RAY VELEZ - NYC HOUSING AUTH
Notifier Name: RICHARD SCOTT
Caller Agency: NYC HOUSING AUTHORITY
Contact for more spill info: EMERGENCY SERVICES

Spiller Phone: (212) 306-3142
Notifier Phone: (212) 306-3142
Caller Phone: (212) 306-3142
Contact Person Phone: (212) 289-3940

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/22/1997		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NUMBER 4 FUEL WAS PUT INTO WRONG TANK SPILLING ABOUT 200 GALS.

SPILL IS CONTAINED IN A VAULT. SPILL TO BE CLEANED UP IN AM

ON JAM 23RD, 1997. CLEANUP TO BE DONE BY WINSTON CONTRACTING.

NYC HOUSING DID VERIFY SPILL IS CONTAINED.

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

Map Identification Number 101 **ON SOUTHERN BLVD** **Spill Number: 9808883** **Close Date: 10/20/1998**
HOME ST AND FREEMAN ST BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2335 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: SOUTHERN BLVD BTWN HOME ST / FREEMAN ST
Revised zip code: 10459

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: WAIMAN WONG
DEC Investigator: SIGONA

Spiller: UNKNOWN
Notifier Name: SANITATION
Caller Agency: NYC DEP
Contact for more spill info: WAIMAN WONG

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-4783
Contact Person Phone: (917) 769-4005

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/16/1998		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	100.00	GALLONS	SEWER

Caller Remarks:

CATCH BASINIS IMPACTED ALSO. 2-55 GALLON DRUMS APPEAR TO HAVE BEEN KNOCKED OVER AND THE PRODUCT IN THEM HAS SPILLED. NEED STATE TO HIRE A CONTRACTOR FOR THE CLEAN UP. REQ CONTACT AT THE SECOND NUMBER (CELL PHONE)

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

DEC (SIGONA) responded on 10/16/98 arrived at 4:30 P.M. Temp 60's F. Clear and sunny - found 1-55 gallon drum spilled onto sidewalk and along curb between Home Street & Freemen Street on West side of Suthern Blvd. The oil appears to be either #6 fuel oil or waste oil and is 75 feet long and 3-5 feet wide. The drum may be empty.

The spill is next to vacant lot which is enclosed by a chain link fence with and open entrance near the spilled drum. There is also some debris inside the vacate lot.

Wei Wong, DEP is onsite and took photographs with 35 mm camera. He agreed to process film and provide copies to DEC. We Wong's phone #718-595-4783.

There is no apparent responsible party. DEC (Sigona) contacted Trade-Winds Enviornmental requesting speedi-dry for 100 gallons of oil, containers, 3-4 laborers, brooms and permitted truck to transport waste back to shop for testing and disposal. DEC would provide a letter to Trade-winds for temporary storage (letter sent on 10/20/98)

Trade Winds indicated response time 1 - 1/2 hrs @ 4:30 P.M. (516)755-400. Called Winston Contractors (College Pt) unavailabe

to respond at this time according to owner (Joe Sceppa).

A witness came forward who can identify the persons who abandoned the drum.

Frank W. Rosario
2197 Hoe Avenue
Bronx, N.Y. 10459
(718)376-3764 (after 6 P.M.)

Mr, Rosario said 3 men dropped drum on sidewalk late last night (10/15/98). He recognized the men as people who work at auto shop around the corner. He said he would leave info on answering machine (never appeared) left him business card.

DEP Cosmos arrived at 5:30 P.M. 10/16/98 and provided a polaroid camera which recorded photos. (DEC Sigona) Took two photos North & South exposures. Cosmos & Wei went to photograpgh other spilled drum around the corner. Spoke to R. Austin, recommended that the potential RP be referred to ECO's.

The second spill was another 55 gallon drum spilled on Home Street between Simpson Street & Southern Blvd. The oil ran down Home Street turned corner on right side of Simpson street towards Freeman Street where it entered a catch basin.

Called Trade Winds back @ 6 P.M.

Artie Baldwin Cellur Number (516) 779-7824

Willie is supervisor of cleanup crew dispatched by Trade Winds.

Trade Winds Arrived at 7:15 P.M. Due to traffic congestion on LIE & Throggs Neck Bridge & Cross Bronx Expressway.

Cosmos DEP called sanitation dept to assist with sanding the roadway down. Trade Winds brought three laborers, empty drums & 7 bags of speedi dry.

DEC (Sigona) left insuctions with cleanup crew and left site at 7:45 P.M.

Called Larry Vetter on 10/19/98 at 4:00 P.M. (Trade Winds)
Larry said they removed 4 drums of contaminated sand and speedi dry & will overpack the leaking 2 - 55 galon drums removed from site. The crew worked until 10:30 P.M. and sanitation assisted in cleanup.

Map Identification Number 102 **Spill Number: 0000461** **Close Date: 09/19/2000**

1213 WARD AVE BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P3)
Approximate distance from property: 2352 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name: MS BAILEY
DEC Investigator: JMKRIMGO

Spiller: UNKNOWN
Notifier Name: DISPATCHER #561
Caller Agency: DEP
Contact for more spill info: NYC FIRE DEPT DISPT #561

Spiller Phone:
Notifier Phone: (718) 430-0251
Caller Phone: (718) 595-6700
Contact Person Phone: (718) 430-0251

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

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/2000		TANK OVERFILL	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

DEP RECEIVED REPORT OF ABOVE MATERIAL BEING SPILLED AT ABOVE

LOCATION. NYC FIRE DEPT ON SCENE AT TIME OF CALL. DEP REQUESTING

DEC REP TO CONTACT NYC FIRE AT ABOVE PHONE NUMBER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
CLEANED UP BY RP.

Map Identification Number 103 **COLISEUM DEPOT** **Spill Number: 8803270** **Close Date: 07/15/1988**

1000 E TREMONT ST NYC, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P5)
Approximate distance from property: 2598 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 1000 E TREMONT AVE
Revised zip code: 10460

Source of Spill:	UNKNOWN	Spiller:	EMPLOYEE OF MTA	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	BARBARA STOLARZ	Caller Agency:	EPA	Caller Phone:	(201) 548-8730
DEC Investigator:	RWAUSTIN	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/1988	07/15/1988	DELIBERATE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	220.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

55-GAL DRUM LUBE OIL, 110-GAL DRUM ANTI-FREEZE, 55-GAL DRUM POLYURE- THANE THINNER BEING CLEANED UP. BEING SUPERVISED BY NYCDEP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0107623		1700 BOONE AVE/174TH ST	BRONX
0505211	DRUM RUN - PARKING LANE	1321 BRONX RIVER AVE	BRONX
0107083		1704 BOONE AVE	BRONX
9512742	1712 LONGFELLOW AVE	1712 LONGFELLOW AVE	BRONX
0202108	LONGFELLOW AV	EAST 174TH ST	BRONX
9912291		1687 VYSE AV	BRONX
9312214	1255 EVERGREEN AVENUE	1255 EVERGREEN AVENUE	BRONX
0009600	MAN HOLE # 13279	EAST 172ST/SOUTHER BLVD	BRONX
9912609		1508 EAST 172ND ST	BRONX
0201888	INTERSECTION	FREEMAN AVE/LONGFELLOW RD	BRONX
0011458		1256 WHEELER AVE	BRONX
0600860	MANHOLE #1317	BRONX RIVER AVE & E 174 STREET	BRONX
0612795	GETTY # 329	1441 WESTCHESTER AVE	BRONX
0600981	GETTY # 329	1441 WESTCHESTER AVE	BRONX
0602329	GETTY #329	1441 WESTCHESTER AVE	BRONX
0512565	GETTY #329	1441 WESTCHESTER AVE	BRONX
0514102	GETTY#329	1441 WESTCHESTER AVE	BRONX

0600017	GETTY 329	1441 WESTCHESTER AVE	BRONX
0504506	GETTY STATION#329	1441 WESTCHESTER AVE	BRONX
9512429	1773 VYSE AVE	1773 VYSE AVE	BRONX
9511693	BRONX RIVER AV/WESTCHESTE	BX RIVER AV/WESTCHESTER	BRONX
9611127	SHERATON EXPRESSWAY	SERVICE RD&WESTCHESTER AV	BRONX
9108562	BOSTON RD & E 174TH ST	BOSTON RD & E 174TH ST	BRONX
9511996	1182 W FARMS RD	1182 W FARMS RD	BRONX
0406144	FREMABA AUTO	WARD AVE.	BRONX
0305206	VAULT 1910	EVERGREEN AVE/WESTCHESTER	BRONX
0612649	GETTY # 268	1185 BRONX RIVER AVE	BRONX
0600785	GETTY #268	1185 BRONX RIVER AVE	BRONX
0601534	GETTY 268	1185 BRONX RIVER AVE	BRONX
0604641	GETTY #268	1185 BRONX RIVER AVE	BRONX
0512577	GETTY# 268	1185 BRONX RIVER AVE	BRONX
0513696	GETTY 268	1185 BRONX RIVER AVE	BRONX
0515004	GETTY #268	1185 BRONX RIVER AVE	BRONX
0313483	GETTY SERVICE STATION #26	1185 BRONX RIVER AVE	BRONX
0504618	GETTY #268	1185 BRONX RIVER AVE	BRONX
0302371		1150 LONGFELLOW AVE	BRONX
9512745	1244 BOYNTON ST	1244 BOYNTON ST	BRONX
0109421	MILITA FERREIRA	1144 LONGFELLOW AVE	BRONX
0507692	I-95 BY EXIT 4A	NORTH LI EXPRESSWAY	BRONX
0512335	NB SHERADAN EXPRESS	ENT TO WB CROSS BRONX EXP	BRONX
0512336	SHERIDAN EXPRESSWAY	CROSS BRONX EXP EXCHANGE	BRONX
0500036	ACROSS FROM	1700 CROTONA PARK EAST	BRONX
9605252	APT BUILDING	1700 CROTONA PARK EAST	BRONX
9704040	1700 CROTONA PARK EAST	1700 CROTONA PARK EAST	BRONX
9711658	CORTYARD	1700 CROTONA PARK EAST	BRONX
9711887	URBAN HOME OWNERSHIP	1700 CROTONA PARK EAST	BRONX
0209146		1700 CROTONA PK EAST	BRONX
9402761	1680 CROTONA PARK EAST	1680 CROTONA PARK EAST	BRONX
0202883	PARKVIEW APARTMENTS LLC	1680 CROTONA PARK EAST	BRONX
9607847	1210 ELDER AVENUE	1210 ELDER AVENUE	BRONX
8603284	1465 BRONX RIVER AVE	1465 BRONX RIVER AVE	BRONX
9908983	MANHOLE #8228	E 172ST & MANOR AV	BRONX
9808568	DWELLING	1535 WESTCHESTER AVE	BRONX
9804594	LOUIS NINE BLVD	BTWN JENNINGS & E 170TH	BRONX
0111626	LENDLEY AND WOLF INC	1349 STRATFORD AVE	BRONX
9112455	1605 E 174TH ST	1605 E 174TH ST	BRONX
9411827	BRONX RIVER HOUSES-NYCHA	1575 EAST 174TH STREET	BRONX
9612593	BRONX RIVER	1575 EAST 174TH ST	BRONX
9705932	BRONX RIVER HOUSES	1595 EAST 174TH STREET	BRONX
9110530	BRONX RIVER -NYCHA	1575 EAST 174TH STREET	BRONX
9913816	MANHOLE 23172	FRONT OF 1435 HAROD AVE	BRONX
0510769	APARTMENT BUILDING	1134 WEST FARMS RD	BRONX
0508267	VAULT #1739	BOYNTON AVE & WESTCHESTER AVE	BRONX
0008491	1340 STRATFORD AVE	1340 STRATFORD AVE	BRONX

0011892		1340 STRATFORD AVE	BRONX
0210853	CHASE MANHATTEN BANK	1536 WESTCHESTER AVENUE	BRONX
0508452	PRIVATE RESIDENCE	1137 VYSE AVE	BRONX
8911216	1158 BOYNTON AVE/BX	1158 BOYNTON AVENUE	NEW YORK CITY
0600791	VEHICLE# 41089 IN ACCIDENT	WESTCHESTER AVE & BRYANT AVE	BRONX

NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 104 **1563 BOONE AVE** **Facility Id: 2-609862** **Source: NYS DEC**
1563 BOONE AVENUE BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P4)
Approximate distance from property: 316 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Waste Oil Storer
Expiration Date of the facility's registration certificate: 05/22/2011
Operator Name: MODESTO SANCHEZ
Operator Phone #: (718) 542-6070
Owner Name: MODESTO SANCHEZ - PRESIDENT
Owner Company: SANCHEZ AUTOMOTIVE INC
Owner Type: Corporate or Commercial
Owner Address: 1563 BOONE AVE, BRONX, NY 10460

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Waste Oil/Used Oil	275	Abovegrnd - in contact w/imperv. barrier	02/03/2004		

Map Identification Number 105 **FERRIS STAHL MEYER PACKING** **Facility Id: 2-605285** **Source: NYS DEC**
1560 BOONE AVENUE BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 327 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 02/23/2011

Detailed site and tank information for this site has not been made publicly available by the NYSDEC since 1/1/2002. The following is historic data:

Facility Type: Storage Terminal/Petroleum Distributor

TANK INFORMATION
Aboveground tanks: Yes Underground tanks: No

Operator Name: GUERLAMO
Operator Phone #:

Owner Name:
Owner Company: Owner Type: Corporate/Commercial
Owner Address: 1560 BOONE AVENUE, BRONX, NY 10460

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	IN SERVICE	#1 2 OR 4 FUEL OIL	10000	ABOVEGROUND			

Map Identification Number 106 **MRC/754 E 161ST ST HDFC** **Facility Id: 2-605595** **Source: NYS DEC**
1504 LONGFELLOW AVE. BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 413 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 04/06/2006
Operator Name: JOE VARELA Operator Phone #: (718) 542-2072
Owner Name:
Owner Company: MORRISANIA REVITALIZATION CORP. Owner Type: Corporate or Commercial
Owner Address: 1199 FULTON AVE., BRONX, NY 10456

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Aboveground on crib, rack, or cradle			

Map Identification Number 107 **J & L AUTO SEV** **Facility Id: 2-259772** **Source: NYS DEC**
1471 W FARMS RD NYC, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 436 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Retail Gasoline Sales
Site Status: Unregulated
Expiration Date of the facility's registration certificate: 10/02/2002
Operator Name: JO-ANN UBERTINI Operator Phone #: (718) 328-8528
Owner Name:
Owner Company: ESTATE OF LOUIS ROMANO Owner Type:
Owner Address: 1481 W FARMS RD, BRONX, NY 10460

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003
002	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003
003	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003
004	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003
005	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003
006	Closed - Removed	Gasoline	550	Underground	12/01/1964		03/26/2003

Map Identification Number 108 **MRC/754 E 161ST HDFC** **Facility Id: 2-605594** **Source: NYS DEC**
1500 LONGFELLOW AVE. BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 450 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 04/06/2006
Operator Name: JOE VARELA
Operator Phone #: (718) 542-2072
Owner Name:
Owner Company: MORRISANIA REVITALIZATION CORP.
Owner Type: Corporate or Commercial
Owner Address: 1199 FULTON AVENUE, BRONX, NY 10456

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Aboveground on crib, rack, or cradle			

Map Identification Number 109 **MRC/754 E 161ST ST HDFC** **Facility Id: 2-605593** **Source: NYS DEC**
1496 LONGFELLOW AVE. BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 505 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 04/06/2006
Operator Name: JOE VARELA
Operator Phone #: (718) 542-2072
Owner Name:
Owner Company: MORRISANIA REVITALIZATION CORP.
Owner Type: Corporate or Commercial
Owner Address: 1199 FULTON AVE., BRONX, NY 10456

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Aboveground on crib, rack, or cradle			

Map Identification Number 110 **FJF MANAGEMENT V CORP** **Facility Id: 2-607961** **Source: NYS DEC**
1528 BRYANT AVE BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 545 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 07/30/2007
Operator Name: JOSEPH MANGI
Operator Phone #: (914) 725-6629
Owner Name:
Owner Company: FJF MANAGEMENT V CORP
Owner Type: Corporate or Commercial
Owner Address: P.O. BOX 218, YONKERS, NY 10710

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2000	Aboveground - in contact with soil			

Map Identification Number 111 **ADHESIVE PRODUCTS** **Facility Id: 2-600688** **Source: NYS DEC**
1660-1668 BOONE AVENUE BRONX, NY 10400

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 600 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Manufacturing (Other than Chemical)/Processing
Site Status: Unregulated
Expiration Date of the facility's registration certificate: 03/19/1997
Operator Name: JEFF SILBERMAN
Operator Phone #: (212) 366-4100
Owner Name:
Owner Company: MAURY & CATHLEEN MEDWICK,TRUSTEE
Owner Type: Corporate or Commercial
Owner Address: MOSEMAN AVE,RD #2 MAPLE SHADE FARM, KATONAH, NY 10536

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
09	Closed - Removed	Gasoline	550	Underground	03/01/1942		04/01/1992
10	Closed - Removed	Gasoline	550	Underground	03/01/1942		04/01/1992
19	Temporarily Out of Service	Gasoline	275	Underground	03/01/1942		

**** TANK INFO CONTINUES ON NEXT PAGE ****

20	Closed - Removed	Gasoline	275	Underground	03/01/1942	04/01/1992
27	Closed - Removed	#2 Fuel Oil	5000	Underground	03/01/1942	04/01/1992
28	Closed - Removed	#2 Fuel Oil	550	Underground	03/01/1942	04/01/1992
29	Closed - Removed	#2 Fuel Oil	275	Underground	03/01/1942	04/01/1992

Map Identification Number 112 **BRONX DISTRICT 3A** **Facility Id: 2-455598** **Source: NYS DEC**
1661 WEST FARMS ROAD BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 612 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 12/06/2008
Operator Name: GARAGE SUPERVISOR
Operator Phone #: (718) 328-9877
Owner Name:
Owner Company: NYC DEPT OF SANITATION
Owner Type: Local Government
Owner Address: 125 WORTH ST - RM #823, NEW YORK, NY 10013

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	Gasoline	1000	Underground	12/01/1977		01/01/2000
002	Closed - Removed	Diesel	2000	Underground	12/01/1985		02/01/2000
003	In Service	Kerosene	275	Aboveground on crib, rack, or cradle			
004	Closed - Removed	Other	800	Aboveground - in contact with soil			12/01/1993
005	Closed - Removed	Other	550	Aboveground on crib, rack, or cradle			01/01/2001
006	Closed - Removed	Waste Oil/Used Oil	275	Aboveground on crib, rack, or cradle			01/01/2001
007	Closed - Removed	Waste Oil/Used Oil	275	Aboveground on crib, rack, or cradle			01/01/2001
008	Closed - Removed	Diesel	2000	Underground			01/01/2000
009	Closed - Removed	Other	550	Aboveground on crib, rack, or cradle			01/01/2001
010	Closed - Removed	Empty	1000	Underground			02/01/2000
011	In Service	Other	800	Aboveground - in contact with soil			
012	Closed - Removed	Lube Oil	275	Aboveground on crib, rack, or cradle			01/01/2001
013	In Service	Other	275	Aboveground on crib, rack, or cradle			
VRT1/1	In Service	Diesel	3000	Underground	01/01/2000		
VRT5/5	In Service	Other	2500	Underground	01/01/2002		
VRT6/6	In Service	Lube Oil	1000	Underground	01/01/2002		
VRT7/7	In Service	Waste Oil/Used Oil	1000	Underground	01/01/2002		
VRT8/8	In Service	Waste Oil/Used Oil	1000	Underground	01/01/2002		

Map Identification Number 113 **PUBLIC SCHOOL 66 - BRONX (X066)** **Facility Id: 2-604868** **Source: NYS DEC**
1001 JENNINGS STREET BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 657 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Facility Type: School
Site Status: Active
Expiration Date of the facility's registration certificate: 12/04/2010
Operator Name: PLANT OPERATIONS
Operator Phone #: (718) 349-5400
Owner Name: JAMES A. MERLO - MANAGER, FUEL DIVISION
Owner Company: NEW YORK CITY DEPT. OF EDUCATION
Owner Type: Local Government
Owner Address: 44-36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	10000	Aboveground on crib, rack, or cradle	05/01/2000		

HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

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

Map Identification Number 114 **ESTATE OF LOUIS ROMANO** **Facility Id: NYR000115212**
1471 W FARMS RD BRONX, NY NO ZIP PROVIDED
EPA (RCRA) Name: J & A SERVICE - CLOSED
EPA (RCRA) Address: 1471 W FARMS RD BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 442 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 10460

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: 04/28/2003
Incinerator:
Transporter:

Part A notification date: 04/28/2003

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	110	GALLONS	GENERATED	2003

Map Identification Number 115 **ALEX AUTO REPAIR SHOP** **Facility Id: NYR000063396**
1006 E 173RD ST BRONX, NY 10460
EPA (RCRA) Name: ALEX AUTO REPAIR SHOP
EPA (RCRA) Address: 1006 E 173RD ST BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 479 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: 11/13/1998
Incinerator:
Transporter:

Part A notification date: 11/13/1998

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
F005	Spent non-halogenated solvents	108	POUNDS	GENERATED	2000

Map Identification Number 116 **CONSOLIDATED EDISON** **Facility Id: NYP004110623**
173 ST & W FARM RD MH22837 BRONX, NY 10401

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 532 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: E 173RD ST / W FARMS RD
Revised zip code: 10460

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D008	Lead	1	CUBIC YDS	GENERATED	2003

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Lead	7439921	X	X	X	X		0.05mg/L*

Map Identification Number 117 **CONSOLIDATED EDISON** **Facility Id: NYR004110623**
MH22837-173RD ST & W FARM RD BRONX, NY NO ZIP PROVIDED

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 532 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: E 173RD ST / W FARMS RD
Revised zip code: 10460

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
NONE	No hazardous waste activity reported by NYS up to 7/6/2006.				

Map Identification Number 118 **ADHESIVE PRODUCTS** **Facility Id: NYD001360031**
1660 BOONE AVE BRONX, NY 10460
EPA (RCRA) Name: ADHESIVE PRODUCTS CORP
EPA (RCRA) Address: 1660-1684 BOONE AVE NEW YORK, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 594 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:

Notification date: 08/04/1992 Part A notification date: 08/04/1992
Incinerator:
Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

US EPA RCRA Violations:

Violation Area: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Violation Number: 0001 Location: NY
Regulation:

Responsible Agency: EPA
Violation Determination Date: 04/10/1992
Violation Return to Compliance: 08/22/1993

Violation Area: GENERATOR-ANNUAL REPORTING REQUIREMENTS
Violation Number: 0001 Location: NY
Regulation:

Responsible Agency: STATE
Violation Determination Date: 04/30/1993
Violation Return to Compliance: 11/01/1993

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	3870	GALLONS	GENERATED	1992
D001	Solid waste that exhibits the characteristic of ignitability	1407	POUNDS	GENERATED	1992
D002	Solid waste that exhibits the characteristic of corrosivity	200	GALLONS	GENERATED	1992
D002	Solid waste that exhibits the characteristic of corrosivity	1733	POUNDS	GENERATED	1992
D007	Chromium	178	POUNDS	GENERATED	1992
D008	Lead	67	POUNDS	GENERATED	1992
F002	Spent halogenated solvents	200	GALLONS	GENERATED	1992
F003	Spent non-halogenated solvents	2579	GALLONS	GENERATED	1992
F005	Spent non-halogenated solvents	200	POUNDS	GENERATED	1992

P092	Mercury, (acetato-O)phenyl-	9	POUNDS	GENERATED	1992
U044	Chloroform	20	POUNDS	GENERATED	1992
U107	Di-n-octyl phthalate	55	GALLONS	GENERATED	1992
U123	Formic acid (C,T)	69	POUNDS	GENERATED	1992
U147	2,5-Furandione	110	POUNDS	GENERATED	1992
U160	Methyl ethyl ketone peroxide	16	POUNDS	GENERATED	1992
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)	200	POUNDS	GENERATED	1992
U188	Phenol	200	POUNDS	GENERATED	1992
U213	Furan, tetrahydro-(I)	200	POUNDS	GENERATED	1992
U220	Benzene, methyl-	162	POUNDS	GENERATED	1992
U223	Toluene diisocyanate (R,T)	255	GALLONS	GENERATED	1992
U223	Toluene diisocyanate (R,T)	629	POUNDS	GENERATED	1992
U228	Ethene, trichloro-	15	POUNDS	GENERATED	1992

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
Chromium	7440473	X	X				50ug/L*
Lead	7439921	X	X	X	X		0.05mg/L*
Mercury, (acetato-O)phenyl-	62384	X		X	X	X	50 ug/L
Chloroform	67663	X	X	X	X	X	0.10 mg/L
Di-n-octyl phthalate	117840	X			X	X	50 ug/L
Formic acid (C,T)	64186	X	X	X		X	50 ug/L
2,5-Furandione	108316	X	X	X	X	X	50 ug/L
Methyl ethyl ketone peroxide	1338234	X	X			X	
2-Propenoic acid, 2-methyl-, methyl ester (I,T)	80626	X	X	X	X	X	50 ug/L
Phenol	108952	X	X	X	X	X	50 ug/L
Furan, tetrahydro-(I)	109999	X	X	X			50 ug/L
Benzene, methyl-	108883	X	X	X	X	X	5 ug/L
Toluene diisocyanate (R,T)	26471625	X	X	X		X	
Ethene, trichloro-	79016	X	X	X	X	X	5 ug/L

Map Identification Number 119 **NYC DEPT OF SANITATION - J SCHIAVONE** **Facility Id: NYD986869774**

1661 W FARMS RD BX-WA BRONX, NY 10460

EPA (RCRA) Name: NYC DEPT OF SANITATION - J SCHIAVONE

EPA (RCRA) Address: 1661 W FARMS RD BX-WA BRONX, NY 10460

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (P2)

Approximate distance from property: 606 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 1661 WEST FARMS RD

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 06/14/1988
Part A notification date: 06/14/1988
Land Disposal:
Receives offsite waste:
Incinerator:
Storer:
Treatment facility:
Transporter:

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recent year reported.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.				

CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 120 **ADHESIVE PRODUCTS** **Facility Id 2-000246**
1660-1668 BOONE AVENUE BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 599 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Expiration Date of the facility's registration certificate: 03/31/1994
Owner Name: TRUST(CLAUSE FOURTH) LUCILLE MEDWICK S/B/O MAURY M
Owner Address: MOSEMAN AVE., RD 2 MAPLE SHADE FARM KATONAH, NY 10536
Operator Name: JEFF SILBERMANN Facility Phone #: (212) 366-4100
Site Status: INACTIVE Site Type: MANUFACTURING

TANK NUMBER	TANK STATUS	CHEMICAL NAME	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	DATE CLOSED
01	CLOSED-IN PLACE	ETHYL ACETATE	550	UNDERGROUND	03/42	04/92
02	CLOSED-IN PLACE	ETHYL ACETATE	550	UNDERGROUND	03/42	04/92
05	CLOSED-IN PLACE	METHYL ETHYL KETONE	550	UNDERGROUND	03/42	04/92
06	CLOSED-IN PLACE	METHYL ETHYL KETONE	550	UNDERGROUND	03/42	04/92
13	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
14	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
15	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
16	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
17	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
18	CLOSED-IN PLACE	TOLUENE	550	UNDERGROUND	03/42	04/92
21	CLOSED-IN PLACE	TOLUENE	1500	UNDERGROUND	03/42	04/92
22	CLOSED-IN PLACE	TOLUENE	1500	UNDERGROUND	03/42	04/92
23	CLOSED-IN PLACE	2-PROPANONE	1500	UNDERGROUND	03/42	04/92
24	CLOSED-IN PLACE	2-PROPANONE	1500	UNDERGROUND	03/42	04/92
25	CLOSED-IN PLACE	TOLUENE	1500	UNDERGROUND	03/42	04/92
26	CLOSED-IN PLACE	TOLUENE	1500	UNDERGROUND	03/42	04/92

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
ETHYL ACETATE	141786	X		X		X	50 ug/L
METHYL ETHYL KETONE	78933	X		X	X	X	50 ug/L
TOLUENE	108883	X	X	X	X	X	5 ug/L

2-PROPANONE	67641	X	X	X	X	X	50 ug/L

NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO AIR DISCHARGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

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

Map Identification Number 121 **ADHESIVE PRODUCTS CORP** **Facility Id NYD001360031**
1660-1684 BOONE AVE BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 599 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

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ADMINISTRATIVE DOCKET CASE INFORMATION
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DOCKET CASE #	COURT DOCKET NUMBER	DATE ISSUED	DATE FINAL ORDER ISSUED	CASE NAME
02-1992-0230	92-021	09-29-1992	08-23-1993	ADHESIVE PRODUCTS CORPORATION

DEFENDANT NAME(S): ADHESIVE PRODUCTS CORPORATION & THE TRUS

LAW(S) VIOLATED
Resource Conservation & Recovery Act - Section 3002
Resource Conservation & Recovery Act - Section 3010

DISPOSITION OF CASE
Consent instrument with penalty

FEDERAL PENALTY ASSESSED
1000

COST RECOVERY AWARDED

TYPE OF VIOLATION(S)
Failure To Notify
Container Requirements

TYPE OF POLLUTANT(S)
Type of pollutant(s) not listed

Map Identification Number 122 **NYC BD OF ED - PS 66** **Facility Id NY0000375709**
1001 JENNINGS STREET BRONX, NY 10460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (P2)
Approximate distance from property: 659 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

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CIVIL ENFORCEMENT DOCKET CASE INFORMATION
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DOCKET CASE #	COURT DOCKET NUMBER	DATE FILED	DATE CONCLUDED	JUDICIAL DISTRICT	CASE NAME
02-1994-0052	98 CIV 5095 (SHS)	07-21-1998	07-20-1999	SDNY	NEW YORK CITY SCHOOL CONSTRUCT

DEFENDANT NAME(S): ADMIRAL ABATEMENT
ASBESTOS PRO'S, INC.
CERTIFIED ASBESTOS CORP.
CST ENVIRONMENTAL, INC.
EWT CONTRACTING, INC.
KISS CONSTRUCTION
NATIONAL ENVIRONMENTAL SAFETY COMP., INC
NEW YORK CITY SCHOOL CONTRUCTION AUTH
TRIO ASBESTOS REMOVAL CORPORATION

LAW(S) VIOLATED
Clean Air Act - Section 112
Clean Air Act - Section 113

DISPOSITION OF CASE
Consent instrument with penalty

FEDERAL PENALTY ASSESSED 175000
COST RECOVERY AWARDED

TYPE OF VIOLATION(S)
Asbestos Requirement Violation (CAA)
National Emission Standard for Hazardous Air Pollutant

TYPE OF POLLUTANT(S)
ASBESTOS

NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS - "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
1544 Boone Avenue
Bronx, NY 10460

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

NEW YORK STATE DEPARTMENT OF HEALTH RADON DATA
FOR THE ZIPCODE OF:
10460

NUMBER OF HOMES TESTED	AVERAGE FOR THE ZIP	STANDARD DEVIATION	MAXIMUM READING FOR THE ZIP

No Radon Data for Zip Code 10460

NEW YORK CITY FIRE DEPARTMENT TANK SEARCH
AT THE LOCATION OF
1544 Boone Avenue
Bronx, NY 10460

None Identified.

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Unmappable facilities for 'Bronx' County

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
03C01	BRONX FRONTIER COMPOSTING			UNKNOWN
03D05	SOUTH BRONX MARINE DEMO			UNKNOWN
03T03				UNKNOWN
03T04	REALTY TRS. STA.			UNKNOWN
03T06	LEE-BIN T.S.			UNKNOWN
03T10	A.L.A LAND DEVELOP TRS.ST			UNKNOWN
03T11	BEM CONTRACTING TRANS STA			UNKNOWN
03T35	UNIVERSAL DEMO RECYCLING			UNKNOWN
03V40	ECCO-SUBURBAN CARTING			UNKNOWN
03W78	FELIX RECYCLING FILL MATE			UNKNOWN
03W86	VINCENT RUSCIANO CONTRUCT			UNKNOWN
		164TH ST	BRONX	UNKNOWN
		BOTTNER AVE.	BRONX	UNKNOWN
		21B GARAGE	BRONX	UNKNOWN
		168TH & RANDALLS AVE.	BRONX	UNKNOWN
		HERIOT AVE	BRONX	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0603731	NYC PARKS	1 BRONX RIVER PARKWAY	BRONX	UNKNOWN
0514225	NY CITY PARKS	1 BRONX RIVER PARKWAY	BRONX	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9506254	GUN HILL DEPOT	GUN HILL DEPOT	BRONX	10469
9315220	900 SETELEY	900 SETELEY	BRONX	UNKNOWN
9309517	HIGHWAY PATROL PRECINT # 1 NYPD -DDC	BRONX RIVER PARKWAY	BRONX	UNKNOWN
0610526	BASEMENT TANK ROOM	EASTERN BLVD DRAW BRIDGE	BRONX	UNKNOWN
0003047	PARKING LOT	AUSTIN RD/DYER AVE	BRONX	UNKNOWN
8600057	TEXACO/BOSTN POST RDBRONX	INTERSCTN.-BOSTON POST RD	NEW YORK CITY	UNKNOWN
0609768	ROAD WAY	NEW ENGLAND THRUWAY	NEW YORK CITY	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9500889	1419 MORNS AVENUE	1419 MORNS AVENUE	BRONX	UNKNOWN
8809318	CLOSED-LACKOF RECENT INFO	(NO STREET INFO)	BRONX	UNKNOWN
8906869	CLOSED-LACKOF RECENT INFO	EAST TREMONT STREET	NEW YORK CITY	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8606271	RAW SEWAGE ITEM #932			UNKNOWN
9913978	BRONX EXPRESSWAY	SERVICE RD	BRONX	UNKNOWN
9913161	SERVICE BOX 7993	EAST OF 170TH ST	BRONX	UNKNOWN
9906166	HARLEM RIVER	YONKERS BORDER	BRONX	UNKNOWN
9905027	MANHOLE 138 ON BAINBRIDGE	AVE 510 FT OF N CORNER	BRONX	UNKNOWN
9901766	TM777	HUGHE GRANT CIRCLE/177TH	BRONX	UNKNOWN
9802285	MANHOLE #26954	SERVICE RD/TREEMONT AVE	BRONX	UNKNOWN
9713244	DEPT SANITAION	NEAR PLAZA MATERIALS	BRONX	UNKNOWN
9712848	NEAR CITY BUS PARKING	I95 RAMP TO TRIBORO BRDG	BRONX	UNKNOWN
9611109	CROTON AQUADUCT	CROTON AQUADUCT	BRONX	UNKNOWN
9515857	1227 PINTON AVE	1227 PINTON AVE	BRONX	UNKNOWN
9502018	CROSS BX EPWY & ROSA AVE	CROSS BX EPWY / ROAS AVE	BRONX	UNKNOWN
9416011	APARTMENT BLDG.	USS MORRISON AVE. B4	BRONX	UNKNOWN

9415281	UNK	UNKNOWN	BRONX	UNKNOWN
9315186	BRONX RIVER AVENUE	BRONX RIVER AVENUE	BRONX	UNKNOWN
8504703	NEW WINDSOR BRONX	NEW WINDSOR BRONX	BRONX	UNKNOWN
8503365	BRONX	BRONX	BRONX	UNKNOWN
8503141	BRONX	BRONX	BRONX	UNKNOWN
8200095	E. TREMONT ST.,BX	E. TREMONT ST.	BRONX	UNKNOWN
8100079			BRONX	UNKNOWN
0613327	APARTMENT	120 ALCOTT PLACE APRT.4A	BRONX	UNKNOWN
0606532	BRONX RIVER	BRONX RIVER FORREST	BRONX	UNKNOWN
0604548	ON STREET	BOSTON POST 4250	BRONX	UNKNOWN
0600554	HUNTS UNTS POINT MARKETS	2A NYC TERMINAL MARKET	BRONX	UNKNOWN
0512943	CONSTRUCTION SITE	1040-1052 EDGEWATER ROAD	BRONX	UNKNOWN
0512294	GETTY #58505	13 SEDWICK AVE	BRONX	UNKNOWN
0511299	ATAR PLACE	STADIUM AVE	BRONX	UNKNOWN
0510600	HUNTS POINT STATION	TRACK	BRONX	UNKNOWN
0509587	CROSS BRONX EXP	BETWEEN ROSEDALE /WEST	BRONX	UNKNOWN
0508362	BUILDING	1253 STELEY AVE	BRONX	UNKNOWN
0411348	VAULT #VS1664	EAST SIDE OF SOUTHERN BOU	BRONX	UNKNOWN
0410879	METRO NORTH HUDSON LINE	MORRIS HGTS	BRONX	UNKNOWN
0407227	EAST RIVER (ROCKS/WATER)	SUNSET TRAIL/EXPWY	BRONX	UNKNOWN
0404427	MANHOLE 22192	BRYANT AVE	BRONX	UNKNOWN
0403511	BRONX RIVER	S. OF TREEMONT AVE.	BRONX	10460
0304216	HUNTS POINT STATION	HUNTS POINT STATION	BRONX	UNKNOWN
0103829	MANHOLE 12	BROOKLYN BLVD/WALNUT ST	BRONX	UNKNOWN
0100318	HARLEM RIVER	NEAR HAMILTON AVE BRIDGE	BRONX	UNKNOWN
0009889	I295 BETWEEN I95 TO TOLL	BOOTH	BRONX	UNKNOWN
0004934	VAULT 2052	THERIOT AVE/ASTORIA AVE	BRONX	UNKNOWN
9304812	176ST & HRD-REGULATOR #52	176TH ST & HRD-REG #52	MANHATTAN	UNKNOWN
9209502	UNK	UNK	NEW YORK	UNKNOWN
0605752	RESIDENTIAL PROPERTY	RIVER ROAD	NEW YORK	UNKNOWN
8905093	CROSS BRONX EXPWY/BX	CROSS BRONX EXPRESSWAY	NEW YORK CITY	UNKNOWN
8607915	NEW YORK CITYF		NEW YORK CITY	UNKNOWN
8603024	BRONX	BRONX	NEW YORK CITY	UNKNOWN
9304810	167ST & HRD-REGULATOR #51	167ST & HRD-REGULATOR #51	NYC	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0550313	BOULDERBROOK RD & SPRAIN RD	BOULDERBROOK RD & SPRAIN RD		UNKNOWN
9913976	CROSS-BRONX EXPRESSWAY	SERVICE ROAD	BRONX	UNKNOWN
9912664	WEST CAMBRIDGE &	BAILEYS AV	BRONX	UNKNOWN
9905504		GUN HILL RD & BUSSING AVE	BRONX	UNKNOWN
9900490		4375 BRONX AVE	BRONX	UNKNOWN
9900067		EDFORD BLVD?/SOUTHERN BLV	BRONX	UNKNOWN
9811600		3243 CHALL AVE	BRONX	UNKNOWN
9804474	EAST BOUND LN	CROSS BRONX EXPRESSWAY	BRONX	UNKNOWN
9800751	VAULT 2210	BRISTON AND STEBBEN AVE	BRONX	10459
9711348	BAYSIDE FUEL	1975 FREDERICK AVE	BRONX	UNKNOWN
9709352	METRO-NORTH RAILROAD	HUDSON LINE TR#4 MIL 7.5	BRONX	UNKNOWN
9700908	BTWN WATSON 7 GLEASON AV	HILL AV	BRONX	10472
9512039	2934 VENTON AVE	2934 VENTON AVE	BRONX	UNKNOWN
9502949	2417 BALTIC AVENUE	2417 BALTIC AVENUE	BRONX	UNKNOWN
9501561	CROSS BRONX EXPWY	CROSS BRONX EXPWY	BRONX	UNKNOWN
9414961	448 CUSLOGA AVENUE	448 CUSLOGA AVE	BRONX	UNKNOWN
9412838	34 MT MORRIS PARKWAY	34 MT MORRIS PARKWAY	BRONX	UNKNOWN
9411935	1821 FAIRVIEW AVENUE	1821 FAIRVIEW AVENUE	BRONX	UNKNOWN
9404921	41 BENNET AVENUE	41 BENNETT AVENUE	BRONX	UNKNOWN
9402342	WESTCHESTER AVENUE	WESTCHESTER AVENUE	BRONX	UNKNOWN
9400698	1667 EAST 731 STREET	667 EAST 731 STREET	BRONX	UNKNOWN
9314217	3100 HEATHER AVE	3100 HEATHER AVE	BRONX	UNKNOWN
9311525	I-90 S.B.	I-90 S.B.	BRONX	UNKNOWN

9302520	172ND ST CLEARMONT EXPY	172ND ST CLEARMONT EXPY	BRONX	UNKNOWN
9212402	I-95/M.P. 0.5ML NR RR TRK	I-95/M.P. 0.5ML NR RR TRK	BRONX	UNKNOWN
9209574	CROSS BRONX EXPRESSWAY	CROSS BRONX EXPRESSWAY	BRONX	UNKNOWN
9207432	1021 ATH STREET JOHN'S AV	1021 ATH STREET JOHN'S AV	BRONX	UNKNOWN
9106110	CROSS BX EPWY	CROSS BX EPWY	BRONX	UNKNOWN
8100533	NONE RESPONSIBLE	PARKDALE HOSPITAL	BRONX	UNKNOWN
0609612	RESIDENCE/ APARTMENT BUIL	5621 NETHERLAND AVE	BRONX	UNKNOWN
0605553	IN ROADWAY	CROSSBRONX EXPRESSWAY	BRONX	UNKNOWN
0602583	APARTMENT BUILDING	5775 MARSHALL LEW AVE	BRONX	UNKNOWN
0510358	CONNOR STREET ON THE	NEW ENGLAND THRUWAY	BRONX	UNKNOWN
0510030	IFO TASK FORCE	STATE 87 EXIT - I 95 HWY	BRONX	UNKNOWN
0504500	100 YARDS BEFORE EXIT9	CROSS BRONX EXPRESSWAY	BRONX	UNKNOWN
0504391	MANHOLE 13133	NE CORNER OF SOUTHERN BLVD	BRONX	UNKNOWN
0408155	HARLEM RIVER	BRONX REST PIER, PIER 8	BRONX	UNKNOWN
0404351		MORRIS AV & SOUNDVIEW	BRONX	UNKNOWN
0302981	NYS THRUWAY	N/B - MILE MARKER 2.0	BRONX	UNKNOWN
0211873		2916 PENBROECK AV	BRONX	UNKNOWN
0209754	HUNTS POINT STATION	HUNTS POINT STATION	BRONX	UNKNOWN
0205567	MANHOLE #26582	WHITESTONE AV & GUNHILL R	BRONX	UNKNOWN
0106596		168 ARCHER AVE	BRONX	UNKNOWN
0012756	INTO A SEWER	CROSS BRONX EXPRESWAY	BRONX	UNKNOWN
0007746	BRYANT AVENUE	BRYANT AVE	BRONX	UNKNOWN
0004792		CROSS BRONX EXP	BRONX	UNKNOWN
0003714	PHELAM YARD MAIN TRACK	MILE POST E-15	BRONX	UNKNOWN
8801616	CROSS BRONX EXPWY	CROSS BRONX EXPRESSWAY	N Y C	UNKNOWN
9606764	FEEDER #71	DUNWOODIE TO RAINEY	NEW YORK CITY	UNKNOWN
9004330	3915 OILOTT AVE/BX	3915 OILOTT AVENUE	NEW YORK CITY	UNKNOWN
9004299	137 ZEIZER PLACE/BX	137 ZEIZER PLACE	NEW YORK CITY	UNKNOWN
9002010	CROSS BRONX EXPRESSWAY	CROSS BRONX EXPRESSWAY	NEW YORK CITY	UNKNOWN
8904199	MAJOR DEEGAN/NORTHBOUND	MAJOR DEEGAN/NORTHBOUND	NEW YORK CITY	UNKNOWN
8807409	CROSS BRONX EXPWY/BX	CROSS BRONX EXPRESSWAY	NEW YORK CITY	UNKNOWN
8804833	BRUCKNER BLVD/BX RIVER AV	BX RIVER AV/WHITE PLNS AV	NEW YORK CITY	UNKNOWN
8700070	CROSS BRONX EXPRESSWAY/W	CROSS BRONX EXPRESSWAY	NEW YORK CITY	UNKNOWN
8802530	CNTRL TRNSPRTN TANKER	CROSS BX EXPSWY	NYC	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-156418	MOBIL S/S 1JARDH AAMCO TRANAS	MOBIL S/S 1JARDH AAMCO TRANAS	BRONX	10400
2-325929	C O REALTY INC	2136 CHURCH AVE	BRONX	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP004002598	CONSOLIDATED EDISON CO	CROTONA V1312		UNKNOWN
NYP004003232	CONSOLIDATED EDISON CO	C ROES V2218		UNKNOWN
NYD986998904	SUN MAINTENANCE (NYS THRUWAY)	INDIAN CASTLE STA	BRONX	UNKNOWN
NYP000914721	NYNEX	E 108TH ST & DALY ST	BRONX	UNKNOWN
NYP004029716	CONSOLIDATED EDISON	V0042-MANOR 7 WATSON	BRONX	10472
NYP004057592	CONSOLIDATED EDISON	MH26587	BRONX	UNKNOWN
NYP004087912	CONSOLIDATED EDISON	2 EIGHT AVE-WHITESTONE CINEMAS	BRONX	UNKNOWN
NYP004095949	CONSOLIDATED EDISON	185 W321 ST MH8989	BRONX	UNKNOWN
NYP004098315	CONSOLIDATED EDISON	E 172 ST & THUREL AVE V130	BRONX	UNKNOWN
NYP004106179	CONSOLIDATED EDISON	MH220-S FULTON & ITHICA	BRONX	UNKNOWN
NYP004128936	CONSOLIDATED EDISON	GATEHOUSE EDGEWATER PK	BRONX	UNKNOWN
NYP004129938	CONSOLIDATED EDISON	GATEHOUSE EDGEWATER PK MEAGER	BRONX	UNKNOWN
NYP004131199	CONSOLIDATED EDISON	655 ARROW AVE	BRONX	UNKNOWN
NYP004136115	CONSOLIDATED EDISON	?	BRONX	UNKNOWN
NYP010000446	NYCDEP	2204 CENTRAL AV	BRONX	UNKNOWN
NYR000109280	NYSDOT D259024	SHERIDAN EXP CROSS BRONX EXP	BRONX	10460
NYP004127148	CONSOLIDATED EDISON	SCHWARTZ AVE	EAST CHESTER	UNKNOWN
NYD986943157	NYSDOT	SHERIDAN EXPRSWY/E CHESTER RD	FLUSHING	UNKNOWN

NY0000010363	NYCDOT		N/S	N/S	UNKNOWN
NYP000949109	VERIZON NEW YORK INC		W FARMS RD	NEW YORK	UNKNOWN
NYP004039327	CONSOLIDATED EDISON		N/S	NEW YORK	UNKNO
NYP004040416	CONSOLIDATED EDISON		V1807−WEEKS AVE	NEW YORK	10001
NYP004078721	CONSOLIDATED EDISON		200 FOREST AVE	NEW YORK	UNKNOWN
NYP004120366	CONSOLIDATED EDISON		MH132	NEW YORK	UNKNOWN
NYR000118497	NEW YORK CHEMSWEEP		ORCHARD BEACH ST	PELHAM	UNKNOWN
NYP000929414	CONSOLIDATED EDISON		V0024 − NEW BOLD	QUEENS	UNKNOWN
NYP004000253	CONSOLIDATED EDISON CO		MH2105−RONX RIVER ROAD	QUEENS	UNKNOWN
NYP004010827	CONSOLIDATED EDISON		V 4078 − BELMONT & STOWE	QUEENS	UNKNOWN
NYP004011334	CONSOLIDATED EDISON		V 1054 − WASHINGTON AVE	QUEENS	UNKNOWN
NYP004070231	CONSOLIDATED EDISON		RED OAK	WESTCHESTER	UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
NY005X08L	TAPOLD REALTY CORP	BRONX	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY005X12G	J A D REALTY CORP	BRONX	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY005X40E	ANTHONY ASSOC	BRONX	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
3606160150	NYS UDC COGENERATION		MOTT HAVEN ROF PROC	SOUTH BRONX	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.

D007 Chromium

D008 Lead

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F003 The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

F005 The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

P092 Mercury, (acetato-O)phenyl-

U044 Chloroform

U107 Di-n-octyl phthalate

U123 Formic acid (C,T)

U147 2,5-Furandione

U160 Methyl ethyl ketone peroxide

U162 2-Propenoic acid, 2-methyl-, methyl ester (I,T)

U188 Phenol

U213 Furan, tetrahydro-(I)

U220 Benzene, methyl-

U223 Toluene diisocyanate (R,T)

U228 Ethene, trichloro-

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a computerized version of the U. S. Census map using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each *Toxic Site Profile,* along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12 Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a computerized version of the U. S. Census map. These site locations are identified "address-matched."

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/operators or governnent agencies. These site locations are identified "map coordinate." Map coordinates for Toxics Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect .

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated from: 3/14/2007. Data obtained by Toxics Targeting: 3/14/2007.
New Facilities updated through: 3/14/2007. Data obtained by Toxics Targeting: 3/14/2007.

2) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 5/1/2007. Data obtained by Toxics Targeting: 5/09/2007.
New Facilities updated to: 5/2/2006. Data obtained by Toxics Targeting: 5/12/2006.

3) **Corrective Action Activity (CORRACTS):** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
Data attributes updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.
New facilities updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.

4) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. No Further Remedial Action Planned (NFRAP) sites are also included.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated through: 3/07/2007. Data obtained by Toxics Targeting: 3/26/2007.
New Facilities updated through: 3/07/2007. Data obtained by Toxics Targeting: 3/26/2007.

5) **Brownfield Programs:** NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.
ASTM required.* Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 5/1/2007. Data obtained by Toxics Targeting: 5/09/2007.
New Facilities updated to: 5/1/2007. Data obtained by Toxics Targeting: 5/09/2007.

(a) Brownfield Cleanup Program (BCP)
(b) Voluntary Cleanup Program (VCP)
(c) Environmental Restoration Program (ERP)

6) **Solid Waste Facilities:** NYS database of solid waste facilities, including, but not limited to, landfills, incinerators, transfer stations, recycling centers.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

Also includes a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.
Source: City of New York Department of Sanitation (1984). Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 7/6/2006. New facilities obtained by Toxics Targeting: 7/10/2006.
Manifest transactions data updated to: 7/6/2006. Manifest transactions data obtained by Toxics Targeting: 7/10/2006.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.
Data attributes updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.

8) **Spills Information Database**: Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). The database includes *active* and *closed* spills reported on or before 4/2/2007.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]

Spill attribute data through: 4/2/2007 New spills through: 4/2/2007

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant The to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Data withheld by the NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 1/1/2002. New facilities data obtained by Toxics Targeting: 1/11/2002.
Tank data updated through: 1/1/2002. Tank data obtained by Toxics Targeting: 1/11/2002.

10) **Petroleum Bulk Storage Facilities:** Local and State databases of aboveground and underground petroleum storage facilities with a combined storage capacity over 1,100 gallons.
ASTM required.* Fannie Mae required.** Source: NYS Department of Environmental Conservation.[2]

All New York Counties except Cortland, Nassau, Rockland, Suffolk, and Westchester:
New facilities updated through: 4/2/2007. Data obtained: 4/5/2007.
Tank data updated through: 4/2/2007. Data obtained by Toxics Targeting: 4/5/2007.

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 7/6/2006. New facilities obtained by Toxics Targeting: 7/10/2006.
Manifest transactions data updated to: 7/6/2006. Manifest transactions data obtained by Toxics Targeting: 7/10/2006.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]

New facilities updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.
Data attributes updated through: 6/6/2006. Data obtained by Toxics Targeting: 6/16/2006.

12) **Chemical Bulk Storage Facilities**: New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated through: 1/1/2002. Data obtained by Toxics Targeting: 1/11/2002.

13) **Historic New York City Utility Facilities (1898 to 1950)**: An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI)**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: U. S. Environmental Protection Agency.[1] / NYS Department of Environmental Conservation[2]
Data updated through: 3/8/2004. Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 6/17/2004. Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
New Sites through: 10/14/1999.
Data updated through: 10/14/1999. Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites:** These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed. Source: New York City Department of Planning[3]
Data updated through: 8/16/2006. Data obtained by Toxics Targeting: 11/01/2006

20) **New York City Fire Department Tank Data**.
Source: New York City Fire Department. Data obtained by Toxics Targeting: 2/13/1997

21) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.
ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).
** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

[3]New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

Impact Environmental
Environmental Site Assessment

Appendix D
Federal Government

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE
WWW.IMPACTENVIRONMENTAL.COM

5/25/07

Wanda Calderon, FOIA Officer
US EPA Region 2
290 Broadway, 26th Floor
New York, New York 10007-1866

FOI REQUEST

Site Address: 1544 Boone Avenue
Bronx, New York

Municipal Block & Lot: 03014-0009

Dear Ms. Calderon:

I am writing to formally request any information regarding the environmental quality of the property identified above. Specific information regarding the property to assist in its identification is noted below. Said request includes any information regarding storage of toxic or hazardous materials, inspections of the property, violations, sampling performed on the property, permits, etc. on the above-captioned property.

Facilitating one:

Owned by: SEDGWICK MATERIALS INC

Your consideration in this matter is greatly appreciated. Please feel free to contact me if you have any questions regarding this request.

Sincerely,
IMPACT ENVIRONMENTAL CONSULTING, INC.

Chris O'Leary
Environmental Scientist
Ph: 631-269-8800

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2, 290 Broadway, 26th Floor
New York, NY 10007
212-637-3668
212-637-5046 (fax)
Calderon.Wanda@epa.gov

May 29, 2007

Chris O'Leary
Impact Environmental
170 Keyland Court
Bohemia, NY, 11716
United States

RE: Request No: 02-RIN-01480-07

Dear O'Leary,

This is to acknowledge receipt of your Freedom of Information Act (FOIA), 5 U.S.C. 552, request dated May 25, 2007 and received in this office on May 25, 2007, for records related to:

1544 Boone Avenue in Bronx in NYS

The program(s) office(s) that have been assigned this request will be responding to you directly. The Agency has twenty (20) working days to respond to your request, except when you have agreed to an alternate due date or unusual circumstances exist that would require an extension of time under 5 U.S.C. 552 (a) (6) (B).

Include your FOIA request number in all subsequent communications with respect to this assignment. Additionally, for faster processing you may provide your email address.

Thank you.

Respectfully,

Wanda Calderon
FOIA Specialist

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2, 290 Broadway
New York, NY 10007

JUN - 1 2007

Mr. Chris O'Leary
Impact Environmental
170 Keyland Court
Bohemia, New York 11716

Re: Freedom of Information Request No. **02-RIN-01480-07**
Dated: May 25, 2007

Dear Mr. O'Leary:

Your request for information has been referred to this branch for response. We have searched the Resource Conservation and Recovery Act (RCRA) files and/or computer database as appropriate to respond to your request. In addition, you may also receive more information from other program areas within this Regional Office.

We were unable to find hazardous waste (RCRA) information concerning the properties at 1544 Boone Avenue in Bronx and 50 Gear Avenue in Lindenhurst both in New York.

For information on Underground Storage Tanks (USTs), please contact New York State Department of Environmental Conservation (NYSDEC) at the enclosed address as it is responsible for keeping records and tracking incidents related to USTs.

If you consider this response to be a denial, you may submit a written appeal to HQ FOIA OPERATIONS STAFF, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Avenue, N.W., Washington, D.C. 20460. The appeal must be made in writing, and must be received within 30 calendar days of the date of this response to receive consideration. The Agency will not consider appeals received after the 30-day limit. The appeal should be marked "Freedom of Information Act Appeal", and should reference the Freedom of Information Request Number of this response.

Also, RCRA information is now available on the World Wide Web as described on the enclosed sheet.

Please include the above referenced request number in any subsequent communication relating to this response.

Sincerely yours,

Adolph S. Everett, P.E.
Chief, RCRA Programs Branch

Enclosures

Region II State contact for information requests regarding Underground Storage Tanks

Russ Brauksieck
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7020

Tel #(518) 402-9543

Kevin Kratina, Chief
Bureau of Southern Case Management
New Jersey Department of Environmental Protection
P.O. Box 028
401 East State Street
Trenton, NJ 08625-0028

Tel #(609) 292-8761

Water Quality Control
Environmental Quality Board
Commonwealth of Puerto Rico
P.O. Box 11488
Santurce, PR 00910

Tel #(809) 725-8410

St. Croix
Hollis Griffin, Director
Division of Environmental Protection
Department of Planning and Natural Resources
1118 Watergut
Christiansted, VI 00820-5065 and

St. Thomas
Mr. Leonard Reed, Assistant Director
Division of Environmental Protection
Department of Planning and Natural Resources
Nisky Center 231
45A Estate Nisky
Charlotte Amalie
St. Thomas, VI 00801

Telephone # (340) 774-3320

NJ Revised 7/16/03, NY Revised 7/30/06

Environmental Protection Agency Internet Information

EPA Region 2

While Freedom of Information Act (FOIA) requests will be honored by directly writing to Region 2, EPA provides an increasing amount of environmental media information, and other Regional activities via Internet at http://www.epa.gov.

Region 2 has provided a FOIA Web site http://www.epa.gov/region02/foia/ with several online databases from which the environmental information can be retrieved.

- **"RCRA Reports Index"** Web site http://www.epa.gov/region2/foia/rcra/reports provides general information and preformatted FOIA reports/extracts for the Region 2 RCRA Program and its National Databases, Resource Conservation and Recovery Act Information (RCRAInfo) and Biennial Reporting System (BRS).
- **"Frequently FOIAed Files"** Web site http://www.epa.gov/region2/foia/fff.htm covers RCRA and many other media Programs. Through this Web site, you can learn about each media Program, associated databases, and special points of interest. In particular, the ability to "directly download" all of the most commonly requested Region 2 Export Files (.xls) and Reports (.pdf) - all compressed for quicker downloading.

EPA Region 2 has established a **list of contaminated facilities** that are a high priority for cleanup in New York, New Jersey, Puerto Rico and the U.S. Virgin Islands. You can view each facility fact sheet at http://www.epa.gov/region2/waste/cleanup.htm

EPA- Headquarters

- **Envirofacts Data Warehouse** Web site http://www.epa.gov/enviro/index_java.html is a one-stop source to the environmental information. This Web site provides access to several EPA databases with information about environmental activities that may affect air, water and land anywhere in the United States.
- **"Window to My Environment"** Web site http://www.epa.gov/enviro/wme is a powerful tool that provides a wide range of federal, state and local information about environmental conditions and futures in an area of your choice.
- **The Enforcement and Compliance History Online (ECHO)** Web site http://www.epa.gov/echo/ provides a list of all inspections and enforcement under most of the environmental statutes.
- **Right-To-Know Network (RTK Net)**, a non-EPA Web site http://www.rtk.net/ on-line query engine provides free access to numerous databases and resources on environment.
- **National Biennial RCRA Hazardous Waste Report** Web site http://www.epa.gov/epaoswer/hazwaste/data/biennialreport/index.htm provides documents and data on hazardous waste reports.

REVISED April 25, 2006

Impact Environmental
Environmental Site Assessment

Appendix E
State Government

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NY 11716
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE
WWW.IMPACTENVIRONMENTAL.COM

Ms. Ruth Earl – Records Access Officer, NYS DEC
625 Broadway, 14th Floor
Albany, New York 12233-1016

Fax: 518-402-2209

FOI REQUEST
Site Address: **1544 Boone Avenue, Bronx, New York**

Known Spill Numbers: --

Dear Ms. Earl:

I am writing to request information on DEC files addressing environmental quality for the property at the above address. Information to assist in identifying the site is noted below:

Current Owner: **SEDGWICK MATERIALS INC**

Facility Description:

Our request is to identify any pertinent files held within the following Departments:

- [X] Solid & Hazardous Materials – Storage of Materials, Inspections/Violations
- [ ] Division of Pesticides - Storage of Materials, Permits, Inspections/Violations
- [ ] Division of Air – Permits, Inspections/Violations
- [X] Division of Environmental Remediation - Permits, Inspections/Violations
- [ ] Division of Water – Permits, Sampling, Inspections/Violations
- [ ] Department of Law Enforcement - Violations
- [ ] Division of Environmental Permits – Permits, Certificates
- [ ] Bureau of Marine Habitat Protection - Violations
- [X] Oil Spills Unit – Spill Details, Monitoring/Remediation

Your consideration in this matter is greatly appreciated. We will follow up by phone, to ascertain whether we might further assist you with any questions regarding this request.

Sincerely,
IMPACT ENVIRONMENTAL

Chris O'Leary

05/31/2007
Date

IEC Project Number: 07-132

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NY 11716
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE
WWW.IMPACTENVIRONMENTAL.COM

Ms. Ruth Earl – Records Access Officer, NYS DEC
625 Broadway, 14th Floor
Albany, New York 12233-1016

Fax: 518-402-2209

FOI REQUEST

Site Address: **1560 Boone Avenue, Bronx, New York**

Known Spill Numbers: **0307241**

Dear Ms. Earl:

I am writing to request information on DEC files addressing environmental quality for the property at the above address. Information to assist in identifying the site is noted below:

Current Owner: **SEDGWICK MATERIALS INC**

Facility Description:

Our request is to identify any pertinent files held within the following Departments:

- [x] Solid & Hazardous Materials – Storage of Materials, Inspections/Violations
- [ ] Division of Pesticides - Storage of Materials, Permits, Inspections/Violations
- [ ] Division of Air – Permits, Inspections/Violations
- [x] Division of Environmental Remediation - Permits, Inspections/Violations
- [ ] Division of Water – Permits, Sampling, Inspections/Violations
- [ ] Department of Law Enforcement - Violations
- [ ] Division of Environmental Permits – Permits, Certificates
- [ ] Bureau of Marine Habitat Protection - Violations
- [x] Oil Spills Unit – Spill Details, Monitoring/Remediation

Your consideration in this matter is greatly appreciated. We will follow up by phone, to ascertain whether we might further assist you with any questions regarding this request.

Sincerely,
IMPACT ENVIRONMENTAL

Chris O'Leary

5/30/07
Date

IEC Project Number: 07-132

NYSDEC SPILL INFORMATION REPORT

Spill Number	0307241	Facility Name	PRG PACKING		
Site ID	290018	Address 1	1560 BOONE AVE		
Program Type	ER	Address 2			
ZIP Code		City	BRONX	County	Bronx

Spiller Name		Spiller Address	1560 BOONE AVE
Spiller Compan	PRG PACKING	Spiller City	BRONX
Spiller Phone	ext	Spiller State	NY
Contact Name		Spiller Zip	

Spill Date	10/9/2003	Cause	Tank Failure	Waterbody ?	
Received Date	10/9/2003	Source	Commercial/Ind	Class	D4
Close Date	7/19/2005	UST Trust ?	0	Remdial Phrase	0
Meet Standard ?	0	Penalty	0	Referrenced to	

Reported By: Other

Caller Remark

Start CallerRemark - 0307241□10,000 GAL ABOVE GROUND TANK IS LEAKING - CALLER WAS CONTACTED FOR CLEAN UP - THEY HAVE NOT BEEN HIRED YET THOUGH□END CallerRemark - 0307241

Lead DEC: MXTIPPLE

DEC Remark

Start DECRemark - 0307241□Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
10/9/03-Sangesland spoke with "Anna" at PRG Packing 718-328-0059.

She says several companies have been in to bid on replacing the tank, but she says there is no leak.

She says the building closes at 4PM and no one can see the tank later today. The building opens at 6AM.

10/10/03 Tipple visited site//tank replacement//remediation in progress

Material	Spilled Quantity	Unit	Recovered
#2 Fuel Oil	0	G	0

Spill Incidents Database Search

More information:

Environmental Remediation Databases
Glossary of Spills Database Terms

More searches:
New Spill Incidents Search

Other Links of Interest...

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 0307241

Spill Date/Time

Spill Date: 10/09/2003 **Spill Time:** 02:00 PM
Call Received Date: 10/09/2003 **Call Received Time:** 03:01 PM

Location

Spill Name: PRG PACKING
Address: 1560 BOONE AVE
City: BRONX **County:** Bronx

Spill Description

Material Spilled:
#2 Fuel Oil

Amount Spilled:
0.0000 Gal.

Cause: Tank Failure
Source: Commercial/Industrial
Resource Affected: Soil
Waterbody:

Record Close

Date Spill Closed: 07/19/2005

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Other Links of Interest

Information about the Spill Response and Remediation Program

Phone Numbers for Spill Response and Remediation

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NY 11716
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE
WWW.IMPACTENVIRONMENTAL.COM

Ms. Ruth Earl – Records Access Officer, NYS DEC
625 Broadway, 14th Floor
Albany, New York 12233-1016

Fax: 518-402-2209

FOI REQUEST

Site Address: **1565 West Farms Road, Bronx, New York**

Known Spill Numbers: **9712148**

Dear Ms. Earl:

I am writing to request information on DEC files addressing environmental quality for the property at the above address. Information to assist in identifying the site is noted below:

Current Owner: **SEDGWICK MATERIALS INC**

Facility Description:

Our request is to identify any pertinent files held within the following Departments:

- [x] Solid & Hazardous Materials – Storage of Materials, Inspections/Violations
- [ ] Division of Pesticides - Storage of Materials, Permits, Inspections/Violations
- [ ] Division of Air – Permits, Inspections/Violations
- [x] Division of Environmental Remediation - Permits, Inspections/Violations
- [ ] Division of Water – Permits, Sampling, Inspections/Violations
- [ ] Department of Law Enforcement - Violations
- [ ] Division of Environmental Permits – Permits, Certificates
- [ ] Bureau of Marine Habitat Protection - Violations
- [x] Oil Spills Unit – Spill Details, Monitoring/Remediation

Your consideration in this matter is greatly appreciated. We will follow up by phone, to ascertain whether we might further assist you with any questions regarding this request.

Sincerely,
IMPACT ENVIRONMENTAL

Chris O'Leary

5/30/07
Date

IEC Project Number: 07-132

NYSDEC SPILL INFORMATION REPORT

Spill Number	9712148	Facility Name	UNDERGROUND TRANSFORMER		
Site ID	187219	Address 1	1565 WEST FARMS RD		
Program Type	ER	Address 2			
ZIP Code		City	BRONX	County	Bronx

Spiller Name		Spiller Address	
Spiller Compan	UNK	Spiller City	***UPDATE***
Spiller Phone	ext	Spiller State	ZZ
Contact Name		Spiller Zip	

Spill Date	1/30/1998	Cause	Unknown	Waterbody ?	
Received Date	1/30/1998	Source	Unknown	Class	B1
Close Date		UST Trust ?	0	Remdial Phrase	1
Meet Standard ?	0	Penalty	0	Referrenced to	

Reported By: Affected Persons

Caller Remark

Start CallerRemark - 9712148□unk material has entered the a underground transformer material seems to be comming from under a garage door that belongs to Ferris Stahl Meyer packing corp. at 1560 Boone Ave Bronx owner of that business has been contacted by caller but has not responded to scene spill is contained in the vs □END CallerRemark - 9712148

Lead DEC: JHOCONNE

DEC Remark

Start DECRemark - 9712148□Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"□114487□□□□01/30/98 1944 HRS. G.LOPRIORE (FL) FOUND UNKNOWN SUBSTANCE IN VS 1773. SAMPLE TAKEN & YELLOW TAG PLACED IN VS. TAG #09500□□FORMAN COULD NOT TELL IF THERE WAS A SUMP PUMP PRESENT DUE TO AMOUNT OF SUBSTANCE IN VS. NO SEWER CONNECTION & NO□□OUTSIDE IMPACT. UNKNOWN SUBSTANCE IS COMMING FROM UNDER A GARAGE DOOR UNIT FROM THE FERRIS STAHL MEYER PACKING CORP.□□AT 1560 BOOM AV. PHOTO REQ. CIG NOTIFY ABOUT UPDATE 2105 HRS. A REPRESENTIVE OF THE ABOVE STORE DID NOT WANT TO TALK ABOUT□□THE SUBSTANCE & WAS NOT CONCERNED.J.SCHLEMBACH
32616.□□~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~A.Bucci #57523~~~~~~~~~~~~~~~~~~~~~~~~□□I was instructed by A.Chang told to notify CIG that this is going to be a third party spill. I spoke with R.Roach at 0821.□□□□10 feb. 1998 16:40..... A.Tortora went out to loc. and took another sample. He is sampling for I.D not

Material	Spilled Quantity	Unit	Recovered
UNKNOWN MATERIAL	525	G	0

Spill Incidents Database Search

More information:

Environmental Remediation Databases
Glossary of Spills Database Terms

More searches:
New Spill Incidents Search

Other Links of Interest...

Spill Record

Administrative Information

DEC Region: 2
Spill Number: 9712148

Spill Date/Time

Spill Date: 01/30/1998 **Spill Time:** 07:15 PM
Call Received Date: 01/30/1998 **Call Received Time:** 09:15 PM

Location

Spill Name: UNDERGROUND TRANSFORMER
Address: 1565 WEST FARMS RD
City: BRONX **County:** Bronx

Spill Description

Material Spilled:
UNKNOWN MATERIAL

Amount Spilled:
525.0000 Gal.

Cause: Unknown
Source: Unknown
Resource Affected: Sewer
Waterbody:

Record Close

Date Spill Closed: Not closed

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Other Links of Interest

Information about the Spill Response and Remediation Program

Phone Numbers for Spill Response and Remediation

Impact Environmental
Environmental Site Assessment

Appendix F
City Government

Property Detail Report

For Property Located At

RealQuest®.com

1544 BOONE AVE, BRONX NY 10460-5600

Owner Information:

Owner Name:	SEDGWICK MATERIALS INC		
Mailing Address:	1544 BOONE AVE, BRONX NY 10460-5600 C011		
Phone Number:		Vesting Codes:	/ /

Location Information:

Legal Description:			
County:	BRONX, NY	APN:	03014-0009
Census Tract / Block:	157.00 / 1	Alternate APN:	0301400009
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	11-07-19 / 11-07-19
Legal Lot:	9	Tract #:	
Legal Block:	3014	School District:	
Market Area:		Munic/Township:	
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	/	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	10/05/1976 / 10/05/1976	1st Mtg Amount/Type:	/
Sale Price:		1st Mtg Int. Rate/Type:	/
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	/
Deed Type:	DEED (REG)	2nd Mtg Int. Rate/Type:	/
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

Prior Sale Information:

Prior Rec/Sale Date:	/	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	/
Prior Doc Number:		Prior 1st Mtg Rate/Type:	/
Prior Deed Type:			

Property Characteristics:

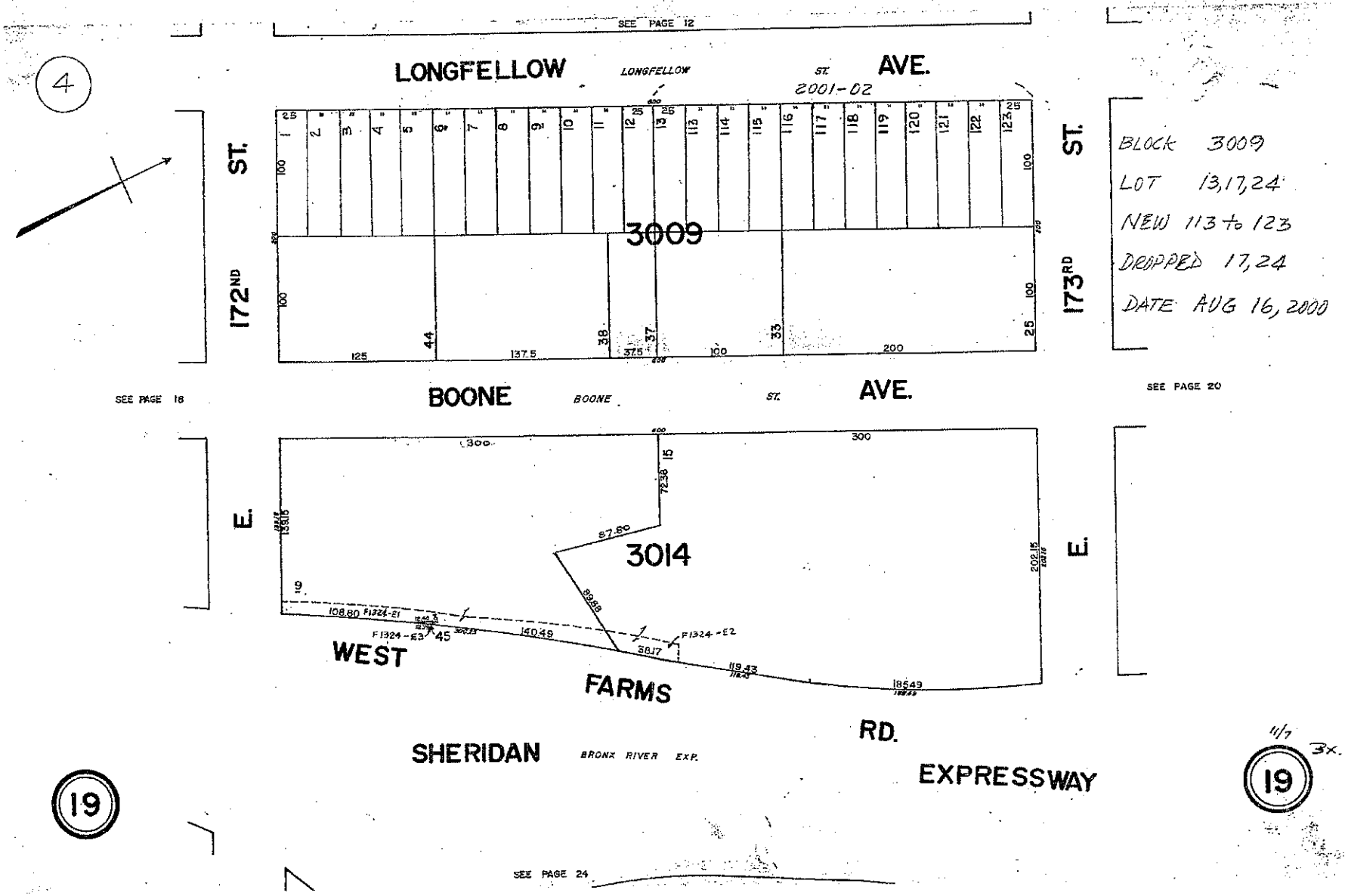
Gross Area:	7,472	Parking Type:		Construction:	
Living Area:	7,472	Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	/	Basement Type:		Air Cond:	
Year Built / Eff:	/ 1931	Roof Type:		Style:	
Fireplace:	/	Foundation:		Quality:	
# of Stories:	1.00	Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	M1-1	Acres:	0.96	County Use:	GARAGE 1 STRY SEMI-FIREPROOF (G2)
Flood Zone:	C	Lot Area:	41,745	State Use:	
Flood Panel:	3604970016B	Lot Width/Depth:	300 x 139	Site Influence:	
Flood Panel Date:	11/16/1983	Res/Comm Units:	1 / 1	Sewer Type:	
Land Use:	GARAGE			Water Type:	

Tax Information:

Total Value:		Assessed Year:	2006	Property Tax:	$25,017.92
Land Value:		Improve %:		Tax Area:	4
Improvement Value:		Tax Year:	2007	Tax Exemption:	MISC
Total Taxable Value:	$113,749				


SEE PAGE 12
LONGFELLOW AVE.
LONGFELLOW ST.
2001-02
172ND ST.
173RD ST.
3009
BLOCK 3009
LOT 13,17,24
NEW 113 to 123
DROPPED 17,24
DATE AUG 16, 2000
SEE PAGE 18
SEE PAGE 20
BOONE AVE.
BOONE ST.
3014
WEST FARMS RD.
SHERIDAN EXPRESSWAY
BRONX RIVER EXP.
SEE PAGE 24
4
19
19

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NYC Department of Buildings

Property Profile Overview

1520 BOONE AVENUE

BOONE AVENUE	1520 - 1548
EAST 172 STREET	1021 - 1031
WEST FARMS ROAD	NO NUMBER

BRONX 10460

Health Area	: 2120
Census Tract	: 157
Community Board	: 203
Buildings on Lot	: 2

BIN# 2010948

Tax Block	: 3014
Tax Lot	: 9
Condo	: NO
Vacant	: NO

View DCP Addresses... Browse Block View Certificates of Occupancy

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO	**DOB District:**	N/A
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Historic Block:	3014	**Historic Lots:**	8
Additional BINs for Building:	NONE		

Special District: NONE

Department of Finance Occupancy Code: G2-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	3	0
Violations-DOB	2	2
Violations-ECB	2	0
Jobs/Filings	5	
PRA / ARA Jobs	0	
Total Jobs	5	
Actions	32	

OR Enter Action Type:

OR Select from List:

Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

3 Total Complaints

View SWO Complaints BIN: 2010948

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
2050971	1542 BOONE AVENUE	04/02/2003	83	04/07/2003	A9	RES
2033978	1542 BOONE AVENUE	05/04/2000	05	05/05/2000	A9	RES
2007460	1544 BOONE AVENUE	11/12/1991	29	11/13/1991	B1	RES

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NYC Department of Buildings

DOB Violations

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

NUMBER	TYPE	FILE DATE
V 2583-70	DOB VIOLATION - ACTIVE	00/00/0000
V 111391UB120/91(SFNP	DOB VIOLATION - ACTIVE	11/13/1991

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NYC Department of Buildings

DOB Violation Display

Premises: 1520 BOONE AVENUE BRONX **BIN: 2010948 Block: 3014 Lot: 9**

Issue Date: 11/13/1991
Violation Type: UB - UNSAFE BUILDING
Violation Number: 120/91(SFNP
ECB No.:
Infraction Codes:

Violation Category: V - DOB VIOLATION - ACTIVE

Device No.:

Disposition:
Code: **Date:**
Inspector:
Comments:

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DOB Violation Display

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

Issue Date: 05/05/2000
Violation Type: ZN - ZONING
Violation Number: 050500Z03JP02
ECB No.: 34233638H (refer to for further details)

Violation Category:

Device No.: 2010948

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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DOB Violation Display

Premises: 1520 BOONE AVENUE BRONX **BIN: 2010948 Block: 3014 Lot: 9**

Issue Date:	04/07/2003	**Violation Category:**	
Violation Type:	CN - CONSTRUCTION		
Violation Number:	040703C3MM1	**Device No.:**	2010948
ECB No.:	34385716R (refer to for further details)		

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

ECB Query By Location

Premises: 1520 BOONE AVENUE BRONX **BIN: 2010948 Block: 3014 Lot: 9 CB: 203**

A	ECB NUM / INF CD	RESPONDENT NAME	DATE OF ISSUANCE & DOB VIOL NUMB / PROV LAW	VIOL TYPE	STATUS
D	34385716R B5C	NICHOLAS ASCONZO INC	040703C3MM1	CONS	VIO DIS
D	34233638H B61	OWNER OF 1542 BOONE	27-050500Z03JP02	ZONE	VIO DIS

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ECB Violation Details

Premises: 1520 BOONE AVENUE BRONX **BIN: 2010948 Block: 3014 Lot: 9**

ECB Viol Number: 34385716R **VIOL RESOLVED** **Status: VIOL DISMISSED**

Filed At:	1542 BOONE AVENUE , BNX , NY 10460		**Block:** 3014	**Lot:**	9
Respondent Info:				**CB:**	203
NICHOLAS ASCONZO INC . 1544 BOONE AVENUE , BRONX , NY 10460				**GEO Flag:**	1
Viol Issue Date:	04/07/2003	**Delivered Date:**	04/07/2003		
Viol Type:	CN - CONSTRUCTION	**DOB Viol Number:**	040703C3MM1		
Issuing Insp ID:	1851	**Tax Lien Serv:**	NO		
Device Type:		**Device Number:**	2010948		
Sched Hrg Date:	10/29/2003	**Hearing Time:**	8:30	**Location:**	G
Amount Imposed:	$0.00	**Amount Paid:**	$0.00		
Hearing Status:	D - DISMISSED	**Compl Status:**	D - VIOL DISMISSED		
Compl By Date:	06/27/2003	**Compl Met Flag:**			
Compl Met Date:		**Viol Severity:**	B - MODERATE		

Infraction Codes:
B5C 27- MISCELLANEOUS CONSTRUCTION VIOLATIONS

Description of Violation:
FAILURE TO PROVIDE ALL REQUIRED INFORMATION TO DEMONSTRATE COMPLIANCE WITH ALL APPLIANCE LAWS FOR RELATED APPLICATION # 200447169/2004471787 /200447178. REMEDY: PROVIDE ALL REQUIRED INFORMATION FORTHWITH.

Historical Event Dates:

CUR:		**HRG:**	12/09/2003	**COM:**		**DEF:**	**STIP ACC:**
AJR:	09/26/2003	**ASG:**	10/29/2003	**WRI:**		**Cominsp:**	**Comdoc:**

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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ECB Violation Details

Premises: 1520 BOONE AVENUE BRONX **BIN: 2010948 Block: 3014 Lot: 9**

ECB Viol Number: 34233638H **VIOL RESOLVED** **Status: VIOL DISMISSED**

Filed At: 1542 BOONE AVENUE , BNX , NY 10460 **Block:** 3014 **Lot:** 9

Respondent info: **CB:** 203

OWNER OF 1542 BOONE AVENU . , , **GEO Flag:** 1

Viol Issue Date:	05/05/2000	**Delivered Date:**	05/10/2000		
Viol Type:	ZN - ZONING	**DOB Viol Number:**	050500Z03JP02		
Issuing Insp ID:		**Tax Lien Serv:**	NO		
Device Type:		**Device Number:**	2010948		
Sched Hrg Date:	07/06/2000	**Hearing Time:**	10:30	**Location:**	G
Amount Imposed:	$0.00	**Amount Paid:**	$0.00		
Hearing Status:	D - DISMISSED	**Compl Status:**	D - VIOL DISMISSED		
Compl By Date:	09/13/2000	**Compl Met Flag:**			
Compl Met Date:		**Viol Severity:**	B - MODERATE		

Infraction Codes:
B61 MISCELLANEOUS VIOLATIONS OF THE ZONING RESOLUTION

Description of Violation:
THE APPROVAL AND PERMITS WILL BE REVOKED ON THE BASIS THAT THE SIGN PE
RCES THE SKY EXPOSURE PLANE.REMEDY:OBTAIN APPROVED PLANS SHOWING COMPO
LIANCE WITH 43-43 OF THE ZONING RESOLUTION AND THEN ALTER SIGN TO MATC

Historical Event Dates:

CUR:	**HRG:**	**COM:**	**DEF:**	**STIP ACC:**
AJR:	**ASG:**	**WRI:**	**Cominsp:**	**Comdoc:**

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Job Overview

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types | Show All Filings | APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	FLOOR	JOB STATUS	STATUS DATE	LIC #	APPLICANT	FILING REP	IN AUDIT
04/26/1999	200447178	01	A3	001	R PERMIT-ENTIRE	06/14/1999		Lewis	Weisen	
GROUND STRUCTURE FOR BUSINESS SIGN										
04/26/1999	200447187	01	SG		R PERMIT-ENTIRE	06/11/1999		Lewis	Weisen	
ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND STRUCTURE- INSIDE PROPERTY L										
04/26/1999	200447169	01	SG		R PERMIT-ENTIRE	06/11/1999		Lewis	Weisen	
ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND STRUCTURE- INSIDE PROPERTY										
08/13/2002	200747273	01	A2	1 2	P APPROVED	08/21/2002		OSCAR		
REMOVAL OF CONSTRUCTION MATERIALS LEFT BY PRIOR TENANT. NO CHANGE TO										
10/08/2002	200754148	01	A1	2	Q PERMIT-PARTIAL	08/06/2004		OSCAR		
EXISTING BUILDING TO REMAIN AND TO BE CO NVERTED TO STEEL FABRICATION										

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

Application Data

Premises: 1520 BOONE AVENUE BRONX
Job No: 200447178 **Document:** 01 OF 1

Filed At: 1542 BOONE AVENUE
Job Type: A3 - ALTERATION TYPE 3
BIN: 2010948 **Block:** 3014 **Lot:** 9

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary
Virtual Job Folder

Location: **Block:** 3014 **Lot(s):** 9 **BIN:** 2010948 **C.B.No:** 203
Apt No: **Use:** OTHER
SPECIFIC FLOORS: 001

Work Types Submitted: OT
OT DESCRIPTION: STRUCTURE

Current Applicant of Record: R. S Lewis **Phone:** 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE **License Number:** 59161

D-14 Applicant of Record: R. Lewis **Phone:** 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE **License Number:** 59161

Filing Representative: Weisenthal Len **Phone:** 718-261-5673
Louis Striar Inc. Room 608
118-21 Queens Blvd, Forest Hills, NY 113757201

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 06/14/1999 (R)

Pre-Filed: 04/26/1999 **Date Filed:** 04/26/1999
Fees: STANDARD **Estimated Total Cost:** $50,000.00 **PC Filed:** Y

Additional Considerations:

Directive 14: Y **Old Code:** N **Quality Housing:** N **Site Safety:** N
Infill Zoning: N **Loft Review:** N **Single Room Occupancy:** N
Declaration: **Page:** **Reel:**
Adult Establishment: N **Legalization:** N
Little 'E' Restrictions: N/A **Landmark:** N

Job Description:
GROUND STRUCTURE FOR BUSINESS SIGN WITHIN 200' OF AN ARTERIAL HIGHWAY

Plans Submitted: ZO

Occupancy Classification: **Existing:** E - BUSINESS
Proposed:
Construction Classification: EXIST NON-COMB: 1-A

Zoning District: M1-1 - LIGHT MANUFACTURING DISTRICT (HIGH PERFORMANCE)
Special District: NONE
Street Status: PUBLIC
Map No.: 3d

Building Dimension: **No. Stories:** 1 **Street Frontage:**
Height: 15 **Dwelling Units:**
Total Gross Area of Building: **Fill:**
Site Area Characteristics:

Metes and Bounds:
Beginning at a point on the side of
Distant Ft. of the corner formed by the intersection of and

Owner: CORPORATION **Non-Profit Flag:** N
ASCENTO NICK PRESIDENT
SEDWICK MA 1536 SOUTHERN BLVD 718 617 - 1925
BRONX NY 10460
OCCUPANCY CERTIFICATION: N
OCCUPANCY NOTIFICATION: N
REL TO BLDG OWNER: PRESIDENT
CORPORATION:
ASCENTO MARK SECRETARY
1536 SOUTHERN BLVD BRONX NY 10460 718 617 - 1925

Items Required | **Plumbing Insp** | **Forms Received** | **Schedule A** | **Schedule B** | **All Permits** | **Document Overview**
Plan Exam Overview | **Fee / Accounting Overview** | **C/O Application Summary**
Virtual Job Folder |

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NYC Department of Buildings

Application Data

Premises: 1520 BOONE AVENUE BRONX
Job No: 200447187 Document: 01 OF 1

Filed At: 1542 BOONE AVENUE
Job Type: SG - SIGN
BIN: 2010948 Block: 3014 Lot: 9

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary | Sign Permit Records
Virtual Job Folder

Location: Block: 3014 Lot(s): 9 BIN: 2010948 C.B.No: 203
Apt No: Use: OTHER

Work Types Submitted: OT
OT DESCRIPTION: SIGN

Current Applicant of Record: R. S Lewis Phone: 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE License Number: 59161

D-14 Applicant of Record: R. Lewis Phone: 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE License Number: 59161

Filing Representative: Weisenthal Len Phone: 718-261-5673
Louis Striar Inc. Room 608
118-21 Queens Blvd, Forest Hills, NY 113757201

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 06/11/1999 (R)

Pre-Filed: 04/26/1999 Date Filed: 04/26/1999
Fees: STANDARD Estimated Total Cost: $36,000.00 PC Filed: N

Additional Considerations:

Directive 14: Y Old Code: N Quality Housing: N Site Safety: N
Infill Zoning: N Loft Review: N Single Room Occupancy: N
Declaration: Page: Reel:
Adult Establishment: N Legalization: N
Little 'E' Restrictions: N/A Landmark: N

Job Description:
ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND STRUCTURE- INSIDE PROPERTY LINE READING-IMPERIAL IRON WORKS CORP SIZE-1200 SQ FT WITHIN 200' OF AN ARTREIAL HIGHWAY

Plans Submitted: ZO

Occupancy Classification: **Existing:**
Proposed:

Construction Classification:

Zoning District: M1-1 - LIGHT MANUFACTURING DISTRICT (HIGH PERFORMANCE)
Special District: NONE
Street Status: PUBLIC
Map No.: 3d

SIGNS: SIGN ILLUM: Y **TYPE:** W **IBL:** **WEIGHT:** 800 LBS
TOTAL FOOTAGE: 1200 SQ.FT

Metes and Bounds:
Beginning at a point on the side of
Distant Ft. of the corner formed by the intersection of and

Owner: CORPORATION **Non-Profit Flag:** N
ASCENTO NICK PRESIDENT
SEDWICK MA 1536 SOUTHERN BLVD 718 617 - 1925
BRONX NY 10460
OCCUPANCY CERTIFICATION: N
OCCUPANCY NOTIFICATION: N
REL TO BLDG OWNER: PRESIDENT
CORPORATION:
ASCENTO MARK SECRETARY
1536 SOUTHERN BLVD BRONX NY 10460 718 617 - 1925

Items Required | **Plumbing Insp** | **Forms Received** | **Schedule A** | **Schedule B** | **All Permits** | **Document Overview**
Plan Exam Overview | **Fee / Accounting Overview** | **C/O Application Summary**
Virtual Job Folder |

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Application Data

Premises: 1520 BOONE AVENUE BRONX
Job No: 200447169 Document: 01 OF 1

Filed At: 1542 BOONE AVENUE
Job Type: SG - SIGN
BIN: 2010948 Block: 3014 Lot: 9

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary | Sign Permit Records
Virtual Job Folder

Location: Block: 3014 Lot(s): 9 BIN: 2010948 C.B.No: 203
Apt No: Use: OTHER

Work Types Submitted: OT
OT DESCRIPTION: SIGN

Current Applicant of Record: R. S Lewis Phone: 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE License Number: 59161

D-14 Applicant of Record: R. Lewis Phone: 203-966-5156
R. Scott Lewis, PE, PC
134 Main Street, New Canaan, CT 06840
Professional Title: PE License Number: 59161

Filing Representative: Weisenthal Len Phone: 718-261-5673
Louis Striar Inc. Room 608
118-21 Queens Blvd, Forest Hills, NY 113757201

Last Action: PERMIT ISSUED - ENTIRE JOB/WORK 06/11/1999 (R)

Pre-Filed: 04/26/1999 Date Filed: 04/26/1999
Fees: STANDARD Estimated Total Cost: $36,000.00 PC Filed: Y

Additional Considerations:

Directive 14: Y Old Code: N Quality Housing: N Site Safety: N
Infill Zoning: N Loft Review: N Single Room Occupancy: N
Declaration: Page: Reel:
Adult Establishment: N Legalization: N
Little 'E' Restrictions: N/A Landmark: N

Job Description:
ILLUMINATED ACCESSORY BUSINESS SIGN ON GROUND STRUCTURE- INSIDE PROPERTY LINE READING- IMPERIAL IRON WORKS CORP SIZE- 1200 SQ FT WITHIN 200' OF AN ARTERIAL HIGHWAY

Plans Submitted: ZO

Occupancy Classification: **Existing:**
Proposed:

Construction Classification:

Zoning District: M1-1 - LIGHT MANUFACTURING DISTRICT (HIGH PERFORMANCE)
Special District: NONE
Street Status: PUBLIC
Map No.: 3d

SIGNS: SIGN ILLUM: Y **TYPE:** W **IBL:** **WEIGHT:** 800 LBS
TOTAL FOOTAGE: 1200 SQ.FT

Metes and Bounds:
Beginning at a point on the side of
Distant Ft. of the corner formed by the intersection of and

Owner: CORPORATION **Non-Profit Flag:** N
ASCENTO NICK PRESIDENT
SEDWICK MA 1536 SOUTHERN BLVD 718 617 - 1925
BRONX NY 10460
OCCUPANCY CERTIFICATION: N
OCCUPANCY NOTIFICATION: N
REL TO BLDG OWNER: PRESIDENT
CORPORATION:
ASCENTO MARK SECRETARY
1536 SOUTHERN BLVD BRONX NY 10460 718 617 - 1925

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary
Virtual Job Folder |

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Application Data

Premises: 1520 BOONE AVENUE BRONX
Job No: 200747273 Document: 01 OF 1

Filed At: 1520 BOONE AVENUE
Job Type: A2 - ALTERATION TYPE 2
BIN: 2010948 Block: 3014 Lot: 9

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary
Virtual Job Folder

Location: Block: 3014 Lot(s): 9 BIN: 2010948 C.B.No: 203
Apt No: Use: OTHER
SPECIFIC FLOORS: 1 2

Work Types Submitted: OT
OT DESCRIPTION: CONSTRUCTION

Current Applicant of Record: MATTHEW OSCAR Phone: 845-371-1444
MATTHEW OSCAR ARCHITECTURE
222 ACKERTOWN RD, MONSEY, NY 10952
Professional Title: RA License Number: 21217

D-14 Applicant of Record: MATTHEW OSCAR Phone: 845-371-1444
MATTHEW OSCAR ARCHITECTURE
222 ACKERTOWN RD, MONSEY, NY 10952
Professional Title: RA License Number: 21217

Filing Representative: NONE Phone: --

Last Action: PLAN EXAM - APPROVED 08/21/2002 (P)

Pre-Filed: 08/13/2002 Date Filed: 08/13/2002
Fees: STANDARD Estimated Total Cost: $2,500.00 PC Filed: N

Additional Considerations:

Directive 14: Y Old Code: N Quality Housing: N Site Safety: N
Infill Zoning: N Loft Review: N Single Room Occupancy: N
Declaration: Page: Reel:
Adult Establishment: N
Little 'E' Restrictions: N/A Landmark: N

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Application Data

Premises: 1520 BOONE AVENUE BRONX
Job No: 200754148 Document: 01 OF 1

Filed At: 1520 BOONE AVENUE
Job Type: A1 - ALTERATION TYPE 1
BIN: 2010948 Block: 3014 Lot: 9

Items Required | Plumbing Insp | Forms Received | Schedule A | Schedule B | All Permits | Document Overview
Plan Exam Overview | Fee / Accounting Overview | C/O Application Summary | C/O Preview
Virtual Job Folder

Location: Block: 3014 Lot(s): 9 BIN: 2010948 C.B.No: 203
Apt No: Use: OTHER
SPECIFIC FLOORS: 2

Work Types Submitted: PL-MH-FB-EQ-CC-OT
OT DESCRIPTION: CONSTRUCTION
Curb Cut Description: CC Linear Footage: 22
22'FT ON BOONE AVE
Construction Equipment: FENCE
CONST MATERIAL: WOOD

Current Applicant of Record: MATTHEW OSCAR Phone: 845-371-1444
MATTHEW OSCAR ARCHT
222 ACKERTON, MONSEY, NY 10952
Professional Title: RA License Number: 21217
D-14 Applicant of Record: NOT APPLICABLE Phone:
Filing Representative: NONE Phone: –

Last Action: PERMIT ISSUED - PARTIAL JOB 08/06/2004 (Q)

Pre-Filed: 09/27/2002 Date Filed: 10/08/2002
Fees: STANDARD Estimated Total Cost: $150,000.00 PC Filed: N

Change to C. of O: OCCUPANCY/USE - EGRESS
ENLARGEMENT: HORIZONTAL AND VERTICAL ENL. SQ. FOOTAGE: 1368
Structural Stability Affected: N C of O Status: NEW Partial Demo: N

Additional Considerations:

Directive 14: N Old Code: N Quality Housing: N Site Safety: N
Infill Zoning: N Loft Review: N Single Room Occupancy: N
Declaration: Page: Reel:
Adult Establishment: N
Little 'E' Restrictions: N/A Landmark: N

Job Description:
EXISTING BUILDING TO REMAIN AND TO BE CO NVERTED TO STEEL FABRICATION USE WITH NEW 2ND FLOOR OFFICE SPACE. EXI STING OPEN YARD TO BE USED FOR WAREHOUSE STORAGE YARD. 4 NEW TOILET ROO MS. NEW TOILET ROOMS. NEW SIDEWALK BOONE AVE. NEW GARAGE DOORS, CHANGE TO EGRESS, NEW ROF STRUCTURE & ROFG. WK.

Plans Submitted: ZO - AR - ST - ME - PL - FO
Occupancy Classification: **Existing:** COM - COMMERCIAL BUILDINGS - OLD CODE
Proposed: D-2 - INDUSTRIAL (LOW HAZARD)
Construction Classification: **EXIST OLD CODE:** 3 **PROP NON-COMB:** 1-C

Zoning District: M1-1 - LIGHT MANUFACTURING DISTRICT (HIGH PERFORMANCE)
Special District: NONE
Street Status: PUBLIC - LEGAL WIDTH 60
Map No.: 3D

Building Dimension:
No. Stories: 2
Height: 23
Street Frontage:
Dwelling Units:
Total Gross Area of Building: 10,937 Sq. Ft.
Fill: ONSITE
Site Area Characteristics:
Open Spaces:
Plaza:
Parking: 2200 Sq. Ft.
Parking Spaces: 11
Arcade:
Loading Berths: 600 Sq. Ft.
Loading Berths: 1

Fire Protection Equipment:
SD:
SP:
FA:

Metes and Bounds:
Beginning at a point on the EAST **side of** BOONE AVENUE
Distant 300 **Ft.** NORTH **of the corner formed by the intersection of** BOONE AVENUE **and** EAST 172 ND STREET
RUNNING THENCE NO 300 FT.
RUNNING THENCE SW 89 . 18 FT.
RUNNING THENCE SO 140 . 49 FT.
RUNNING THENCE SO 108 . 80 FT.
THENCE EA 72 . 38 FT.
THENCE NE 89 . 68 FT.
THENCE SW 2 . 04 FT.
THENCE WE 139 . 15 FT.

Owner: CORPORATION **Non-Profit Flag:** N
ASCENZO NICK PERSIDENT
SEDGWICK MATERIALS CORP 1544 BOONE AVENUE 718 617 - 1925
BRONX NY 10460
OCCUPANCY CERTIFICATION: N
OCCUPANCY NOTIFICATION: N

CORPORATION:
ASCENZO MARK VICE PRESI
1544 BOONE AVENUE BRONX NY 10460 718 617 - 1925

Comments for Document 01:
CO# 42492 AND 42991 TO BE SUPERSEDED.

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Permits In-Process / Issued by Premises

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

NUMBER	JOB TYPE	SEQ NO	ISSUED DATE	EXPIRATION DATE	STATUS	APPLICANT NAME
200754148-01-AL	A1 - ALT1	02	08/06/2004	04/01/2005	ISSUED	ASCENZO NICK
200754148-01-EQ FN	A1 - ALT1	01	06/23/2003	12/31/2003	ISSUED	ASCENZO NICK
200447187-01-SG	SG - SIGN	01	06/11/1999	06/30/1999	ISSUED	CAPPELLI JOHN
200447178-01-AL	A3 - ALT3	01	06/14/1999	04/01/2000	ISSUED	CAPPELLI JOHN
200447169-01-SG	SG - SIGN	01	06/11/1999	06/30/1999	ISSUED	CAPPELLI JOHN

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Actions

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

NUMBER		TYPE	FILE DATE
ALT 1861-1895		ALTERATION	00/00/0000
ALT 272-51		ALTERATION	00/00/1951
ALT 1154-53		ALTERATION	00/00/1953
ALT 1107-54		ALTERATION	00/00/1954
ALT 821-64		ALTERATION	00/00/1964
ALT 171-65		ALTERATION	00/00/1965
ALT 119-70		ALTERATION	00/00/1970
CO NB 2007-1926	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/0000
CO 17559-55	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1955
CO 42492-67	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1967

Next

Enter Action Type: Or Select from List: Select... Refresh

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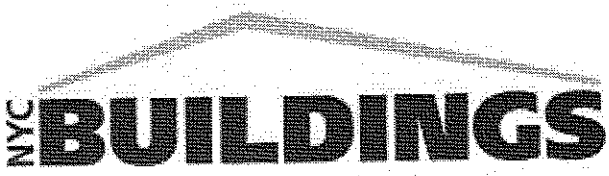

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Actions

Premises: 1520 BOONE AVENUE BRONX BIN: 2010948 Block: 3014 Lot: 9

NUMBER		TYPE	FILE DATE
CO 42867-67(T)(EXP11-30-67)	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1967
CO 42991-67	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1967
ES 634-27		ELECTRIC SIGN	00/00/0000
ES 596-27		ELECTRIC SIGN	00/00/0000
ES 1215-28		ELECTRIC SIGN	00/00/0000
ES 750-37		ELECTRIC SIGN	00/00/0000
ES 152-35		ELECTRIC SIGN	00/00/0000
ES 842-35		ELECTRIC SIGN	00/00/0000
ES 1276-32		ELECTRIC SIGN	00/00/0000
ES 635-27		ELECTRIC SIGN	00/00/0000

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Actions

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

NUMBER	TYPE	FILE DATE
ES 636-27	ELECTRIC SIGN	00/00/0000
ES 637-27	ELECTRIC SIGN	00/00/0000
MIS 1236-53	MISCELLANEOUS	00/00/1953
MIS 1296-53	MISCELLANEOUS	00/00/1953
MIS 58-67	MISCELLANEOUS	00/00/1967
NB 1455-1926	NEW BUILDING	00/00/0000
PRS 9-54	PLUMBING REPAIR SLIP	00/00/1954
PRS 897-55	PLUMBING REPAIR SLIP	00/00/1955
SR 863-55FD(1031)	SPECIAL REPORT	00/00/0000
SR 1952-48LG	SPECIAL REPORT	00/00/1948

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Actions

Premises: 1520 BOONE AVENUE BRONX BIN: 2010948 Block: 3014 Lot: 9

NUMBER	TYPE	FILE DATE
SR 1540-50LM	SPECIAL REPORT	00/00/1950
SR 1515-56LP	SPECIAL REPORT	00/00/1956
V 2583-70	DOB VIOLATION - ACTIVE	00/00/0000
V 111391UB120/91(SFNP	DOB VIOLATION - ACTIVE	11/13/1991
VEC* 040703C3MM1	ECB VIOLATION DISMISSED	04/07/2003
VEC* 050500Z03JP02	ECB VIOLATION DISMISSED	05/05/2000

Previous

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C of O PDF Listing for Property

Premises: 1520 BOONE AVENUE BRONX

BIN: 2010948 Block: 3014 Lot: 9

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CO NB 2007-1926:	X000002007.PDF
CO 17559-55:	X000017559.PDF
CO 42492-67:	X000042492.PDF
CO 42867-67(T)(EXP11-30-67):	X000042867.PDF
CO 42991-67:	X000042991.PDF
JOB 200754148:	NO C/Os ISSUED OR NO IMAGE AVAILABLE

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DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF THE BRONX , CITY OF NEW YORK

No. 2007 BK

Date APR 26 1945

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 21.3.1. to 21.3.7. Building Code.)

This certificate supersedes C. O. No. 2000-45

To the owner or owners of the building or premises: Standard Brand, Inc.,

THIS CERTIFIES that the new ~~[illegible]~~ building—premises located at

810 Grand Concourse S.E. corner 158th Street,

Block 2458 Lot 90

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. ~~[illegible]~~ 7/43

Construction classification— Metal

Occupancy classification— COMMERCIAL . Height 1 stories, 10 feet.

Date of completion— November 23, 1943 . Located in Residence and Unrestricted Use District.

Area B . Height Zone at time of issuance of permit 1½

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
First	On ground				Storage of Combustible Supplies
NOTE:	Fire Department approval of premises received April 11, 1946.				

Zoning O.K.
M.F.
6/25/45

Borough Superintendent.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there by any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended, nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

Form 44-111M 7/53(11)-(7) 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF BRONX, CITY OF NEW YORK MG

No. 17559

Date NOV 14 1955

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~—altered—~~existing~~—building—premises located at

1029 E. 172nd St., N.S., 58' E. of Boone Ave. Block 3014 Lot 53

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

Construction classification—

~~Alter~~ Alt. No.— 1107-54

Occupancy classification— COMMERCIAL . Height stories. feet.

Date of completion— 7-16-55 . Located in Unrestricted Use District.

B Area, Class 1½ Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
	Vacant Lot				Parking Lot for more than five Motor Vehicles

NOTE: THIS CERTIFICATE OF OCCUPANCY EXPIRES JAN.2,1964 (which is the life of the Easement)

ZONING O.K.

NOV 14 1955

Borough Superintendent

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT.

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

Form 54-C (Rev. 7/64)—15M-701070(64) [redacted] 114

DEPARTMENT OF BUILDINGS

BOROUGH OF THE BRONX, THE CITY OF NEW YORK

Date APR 21 1967

No. 42492

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No. N.B. 2007-26

THIS CERTIFIES that the new—altered building—premises located at

1544 Boone Avenue Block 3014 Lot 9

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the Northeast side of Boone Avenue feet from the corner formed by the intersection of Boone Avenue and E. 172 Street

running thence North 300 feet; thence East 72.38 feet;

thence South 87.8 feet; thence Northeast 89.68, S.140.19 feet;

running thence Southwest 2.04'S/E 12.16 feet; thence South 108.80, West 139.15 feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646e of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. or Alt. No.— 171-65

Occupancy classification— Commercial

Date of completion— 12-6-66 at time of issuance of permit.

Construction classification— Non-fireproof

Height One stories, 15 feet.

Located in M1-1 Zoning District.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: and The City Planning Commission: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces

Off-Street Loading Berths

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
First	On ground	30	Commercial Vehicle Storage establishment including motor fuel pumps. Use Group 16 and Motor Vehicle Repair Shop Use Group 16 including Body Repairs.

PERFORMANCE STANDARDS FOR AN M1-1 DISTRICT TO BE COMPLIED WITH.

Adjacent parking lot and this building to remain under same Ownership.

Fire Department approval of Gasoline Tank and Fuel Oil installations and Standpipe System received.

Sewage Disposal:
Sanitary Drainage (DOES) (DOES NOT) Discharge Into Either Sanitary or Combined Sewer

Storm Drainage (DOES) (DOES NOT) Discharge Into Either Storm or Combined Sewer

William Chamorro
Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

Form 54-C (Rev. 7/64)-15M-20137(1/64) 114

DEPARTMENT OF BUILDINGS

BOROUGH OF THE BRONX **, THE CITY OF NEW YORK**

Date AUG 30 1967 TEMPORARY No. 42867

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No. 15924-55

THIS CERTIFIES that the ~~new~~—altered—~~existing~~—building—premises located at 1,9,37,A1, 1544 Boone Avenue Block 3014 Lot 42,51

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the northeast ~~side of~~ ~~distant~~ ~~xxx~~ ~~xxxxxx~~ corner formed by the intersection of Boone Avenue and East 172nd Street

running thence north 300 feet; thence east 72.38 feet;

thence south 89.18', northeast 89.68 feet; thence south 140.49', southwest 2.04 feet;

running thence southeast 12.16 feet; thence south 108.80', west 139.15 feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646e of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~xxxxx~~ Alt. No.— 821-64

Occupancy classification— Commercial

Date of completion—

at time of issuance of permit.

Construction classification—

. Height stories, feet.

. Located in M1-1 Zoning District.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:
and The City Planning Commission: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces

Off-Street Loading Berths

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
	On Ground		Parking Lot, Public for less than One Hundred (100) Cars. (Use Group 8).

THIS CERTIFICATE OF OCCUPANCY EXPIRES NOVEMBER 30, 1967.

SUPERSEDED BY C.O. 42991-67.

Sewage Disposal:
Saintary Drainage (DOES) (DOES NOT) Discharge Into Either Sanitary or Combined Sewer

Storm Drainage (DOES) (DOES NOT) Discharge Into Either Storm or Combined Sewer

William Chamosk

Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

Form 544-G (Rev. 7/64)-15M-701070(64) 114

ES

DEPARTMENT OF BUILDINGS

BOROUGH OF THE BRONX **, THE CITY OF NEW YORK**

Date OCT 6 1967 No. 42931

CERTIFICATE OF OCCUPANCY

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

This certificate supersedes C. O. No. Temp.42867-67

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at 1544 Boone Avenue Block 3014 Lot 1,9,37, 41,42,51

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the northeast ~~xxxx~~ ~~xxxx~~ ~~xxxx~~ corner formed by the intersection of ~~xxxx~~ Boone Avenue and East 172nd Street

running thence north 300 feet; thence east 72.38 feet; thence south 89.18, northeast 89.68 feet; thence south 140.49, southwest 2.04 feet; running thence southeast 12.16 feet; thence south 108.80, west 139.15 feet; to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of the rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646e of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~xxxx~~ Alt. No.— 821-64 Construction classification—

Occupancy classification— Commercial. Height stories, feet.

Date of completion— 10-4-67 Located in M1-1 Zoning District

at time of issuance of permit.

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: and The City Planning Commission: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces

Off-Street Loading Berths

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
	On Ground		Parking Lot, Public, for less than One Hundred (100) Cars. (Use Group 8).

Sewage Disposal:
Saintary Drainage (DOES) (DOES NOT) Discharge Into Either Sanitary or Combined Sewer

Storm Drainage (DOES) (DOES NOT) Discharge Into Either Storm or Combined Sewer

William Chernoff

Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BRONX
Block: 3014
Lot: 9
Date Range: To Current Date
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 13 << previous next >> Max Rows 50 [Search Options] [New BBL Search] [Edit Current Search] [**Print Index**]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	1641/1158		9	ENTIRE LOT	4/22/1999	DECLARATION	4	IMPERIAL IRON WORKSCORP.					0
DET IMG	1641/1154		9	ENTIRE LOT	4/22/1999	DECLARATION	4	IMPERIAL IRON WORKSCORP.					0
DET IMG	1630/1499		9	ENTIRE LOT	3/12/1999	DISCHARGE OF TAX LIEN	3	BANK OF NEW YORK					0
DET IMG	1614/1534		9	ENTIRE LOT	1/20/1999	ASSIGNMENT OF TAX LIEN	15	NYCTL 1998-1 TRUST	BANK OF NEW YORK				0
DET IMG	1614/1517		9	ENTIRE LOT	1/20/1999	ASSIGNMENT OF TAX LIEN	17	NYCTL 1997-1 TRUST	BANK OF NEW YORK				0
DET IMG	1535/655		9	ENTIRE LOT	3/18/1998	AMENDMENT OF TAX LIEN	14	BANK OF NEW YORK					0
DET IMG	1489/1531		9	ENTIRE LOT	8/7/1997	TAX LIEN SALE CERTIFICATE	11	CITY OF NEW YORK	NYCTL 1997-1 TRUST				0
DET IMG	1477/2103		9	ENTIRE LOT	6/18/1997	TAX LIEN SALE CERTIFICATE	35	CITY OF NEW YORK	NYCTL 1997-1 TRUST				0
DET IMG	1395/811		9	ENTIRE LOT	6/12/1996	TAX LIEN SALE CERTIFICATE	13	CITY OF NEW YORK	BANK OF NEW YORK				0
DET IMG	1266/2292		9	ENTIRE LOT	10/12/1994	ASSIGNMENT, MORTGAGE	5	BANK OF NEW YORK/SUCC	HAMILTON CAPITAL HOLDINGS CORP		✓		0
DET IMG	831/1078		9	ENTIRE LOT	3/15/1988	MORTGAGE	8	SEDGWICK MATERIALS,INC.	SCARSDALE NAT'L BK&TR.CO				400,000
DET IMG	316/850		9	ENTIRE LOT	10/5/1976	DEED	3	SHERIDAN CORNERS INC	SEDGWICK MATERIALS INC				0
DET IMG	172/387		9	ENTIRE LOT	12/21/1971	DEED	2	CROSS COUNTY TAXI SERVICE INC	SHERIDAN CORNERS INC				0

Search Options | New Parcel Identifier Search | Edit Current Search

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Tank Request Form

OFFICE USE ONLY
Cashier / Search No.

SECTION A **CUSTOMER INFORMATION**

Please print your address and contact telephone number.

Chris O'Leary w/ Impact Enviromental
Name

170 Keyland Court (631) 269-8800
Address Telephone Number

Bohemia, New York 11716
State Zip Code

Processing may take time, please choose one option below:
I will wait for it ☐ I will it pick-up ☐ Mail it to my address ☒

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order (made payable to the NYC Fire Department) and a self-addressed envelope. Chemical storage, gasoline, fuel oil, diesel fuel, kerosene etc. will listed above. DO NOT MAIL CASH. Cash payments can only be made in person and accepted by our Cashiers Office (9am – 3pm).

SECTION B **PLEASE PRINT THE ADDRESS TO BE SEARCHED.**

1544 Boone Avenue block 3014, lot 9
House Number Street Name Borough

CUSTOMER – PLEASE READ THE INFORMATION BELOW.

A CERTIFIED REPORT WILL BE MAILED TO THE ADDRESS YOU HAVE PROVIDED WITHIN TEN (10) BUSINESS DAYS AFTER DATE SUBMITTED. COMPUTER PRINTOUTS WILL BE PROVIDED ONLY UPON REQUEST.

After you have received the certified report, you may request a certified computer printouts and/or a copy of any related record for an additional fee of $0.25 (cents) / per page. The fee for individual copies can only be determined after this search has been completed and you have received the related report. All payments are non-refundable.

Note: All listed tank information come from records, which exist in the FDNY District Office Folders and computer files. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies, unless a summons for "Failure to Comply" was issued.

SECTION C **FUEL (HEATING) OIL TANKS - FEE $10.00 / PER REPORT**

If you would like to obtain a certified report, please complete this section by checking one or more boxes from the selection below.

☒ ITEM 1 – THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS (includes installation date)

☒ ITEM 2 – THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS

☐ ITEM 3 – OTHER: _____

For Office Use Only – Do not write in this section.

Searched By: _____ Date: ___/___/___

(PLEASE SEE OTHER SIDE OF FORM)

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 - New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373 or fax to (718) 595-6543

PART I. APPLICATION - Check Bureau(s) known or believed to have the record(s):

- ☐ Executive
- ☐ General Counsel
- ☐ Agency Chief Contracting Office
- ☐ Bureau of Customer Services (Water Bills)
- ☒ Bureau of Environmental Compliance
- ☒ Asbestos
- ☒ Hazardous Materials
- ☐ Air & Noise
- ☒ Environmental Control Board
- ☒ Bureau of Environmental Engineering
- ☒ Office of Environmental Planning and Assessment
- ☐ Bureau of Wastewater Treatment
- ☐ Sewer discharge violations
- ☐ Bureau of Water and Sewer Operations
- ☐ Water Records
- ☐ Sewer Records
- ☐ Bureau of Water Supply
- ☐ Water Quality
- ☐ DEP Police
- ☐ _____

I hereby apply to ○ inspect or ○ receive copies of the following records (use additional sheets as needed and attach):

1544 Boone Avenue Bronx 03014-0009

any information regarding storage of toxic or hazardous materials, inspections of the property, violations, sampling performed on the property, permits, etc.

Name: Chris O'Leary Phone: 631-269-8800 E-Mail: _____

Firm: Impact Environmental

Address: 170 Keyland Court Bohemia, New York

Signature: _____ Date: 5/25/07

PART II. DISPOSITION OF REQUEST (*TO BE COMPLETED BY THE DEPARTMENT*)

• •APPROVED • APPROVED IN PART - - To arrange for access to the records, please contact:

_____ (Department Representative) _____ (Bureau) _____ (Phone No.)

Number of Pages: _____ x$.25 per page = Cost: _____

• •DENIED • •DENIED IN PART - - for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- ☐ Exempt: State/Fed. Statute (2(a))
- ☐ Invasion of personal privacy (2(b))
- ☐ Competitive position injury (2(d))
- ☐ Exempt: Law Enforcement (2(e))
- ☐ Inter/Intra-agency material (2(g))
- ☐ (Other) _____

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

☐ UNAVAILABLE - - for reason(s) checked:

- Not described in sufficient detail
- After search, no records responsive to request located
- (Other) _____
- Not maintained by this Department

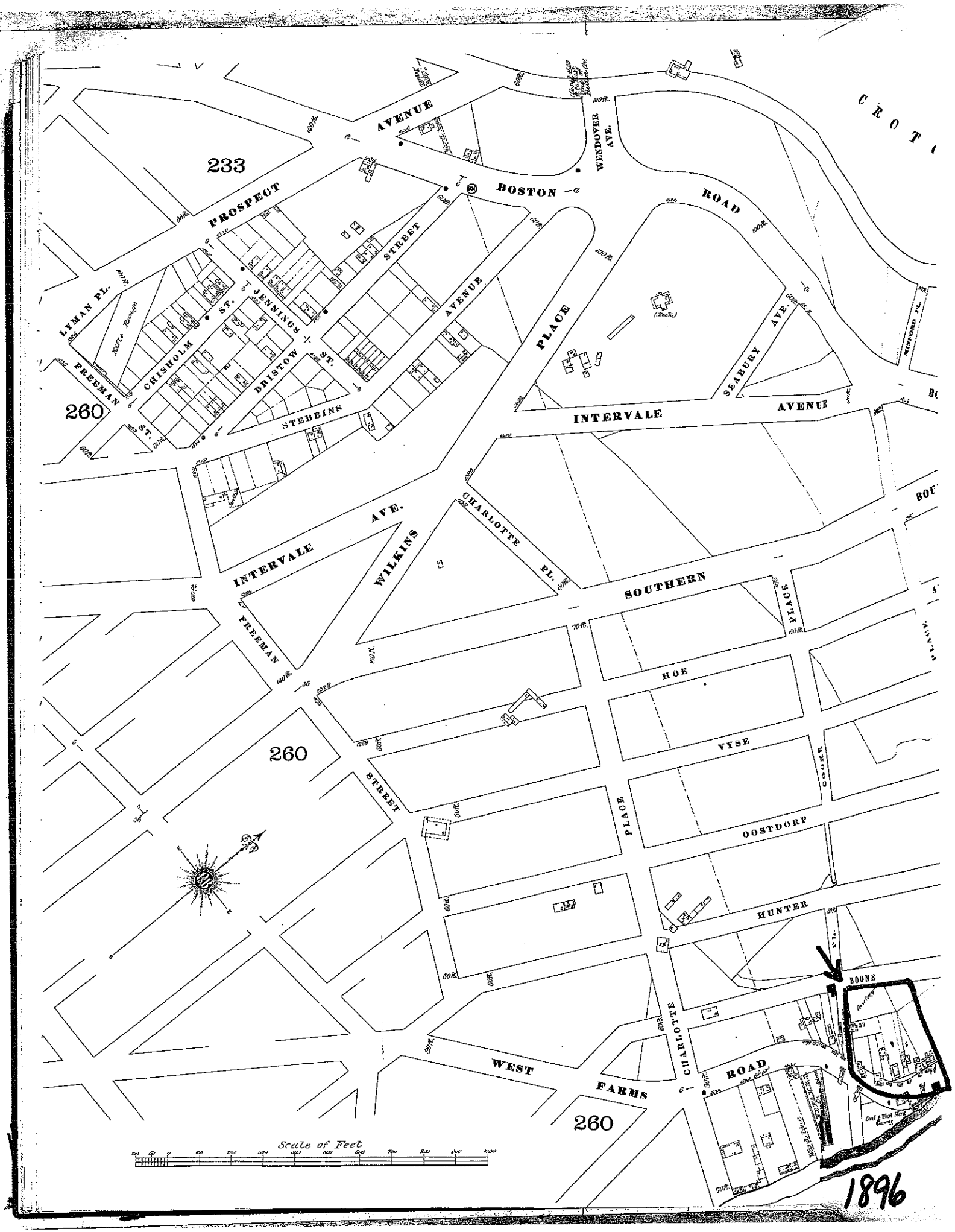
LOG NO.: _____

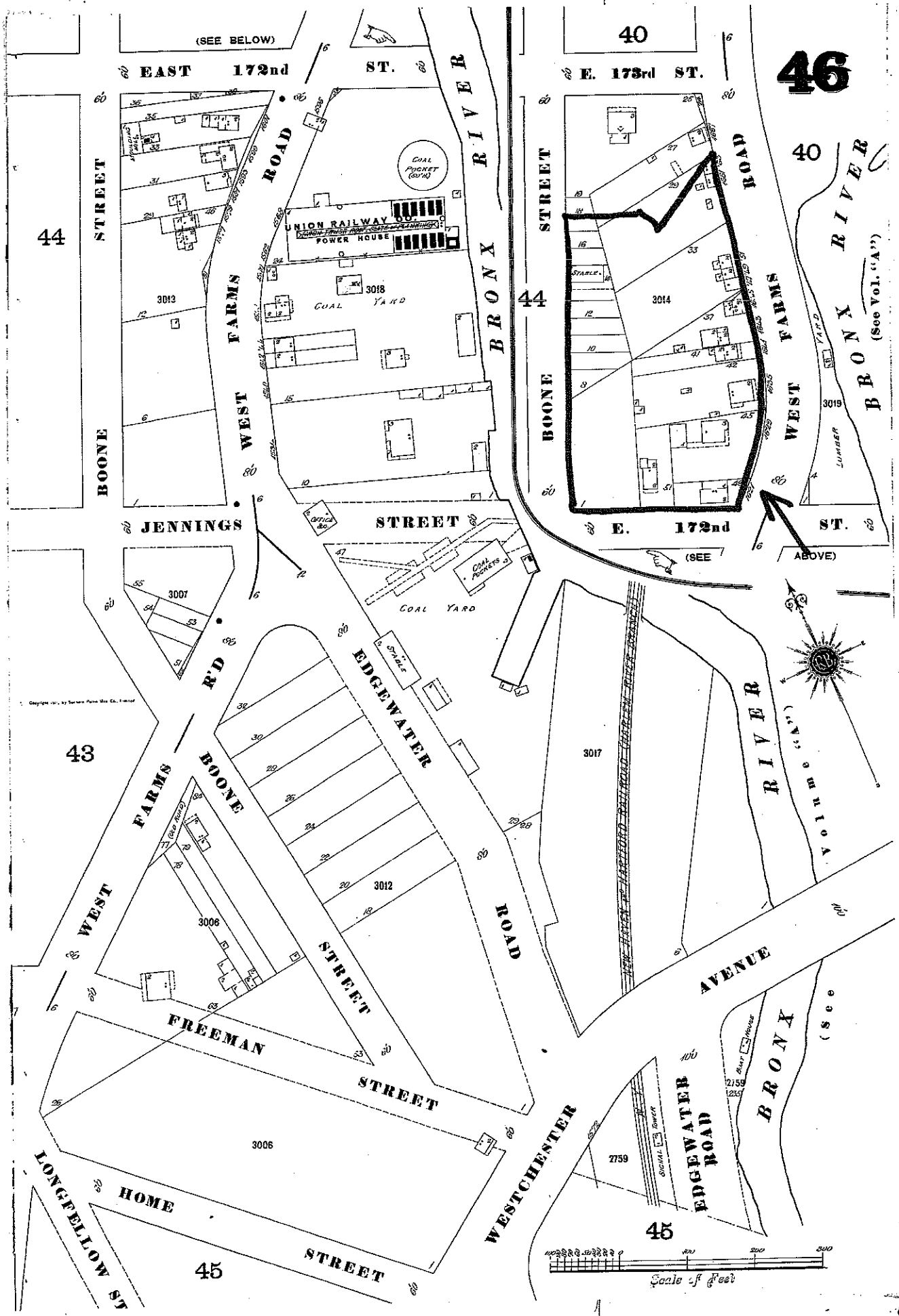
(Department Representative) (Bureau) (Date)

• • •Fee Waived • • •Check/M.O. received • • •Check/M.O. requested DOC# 050303

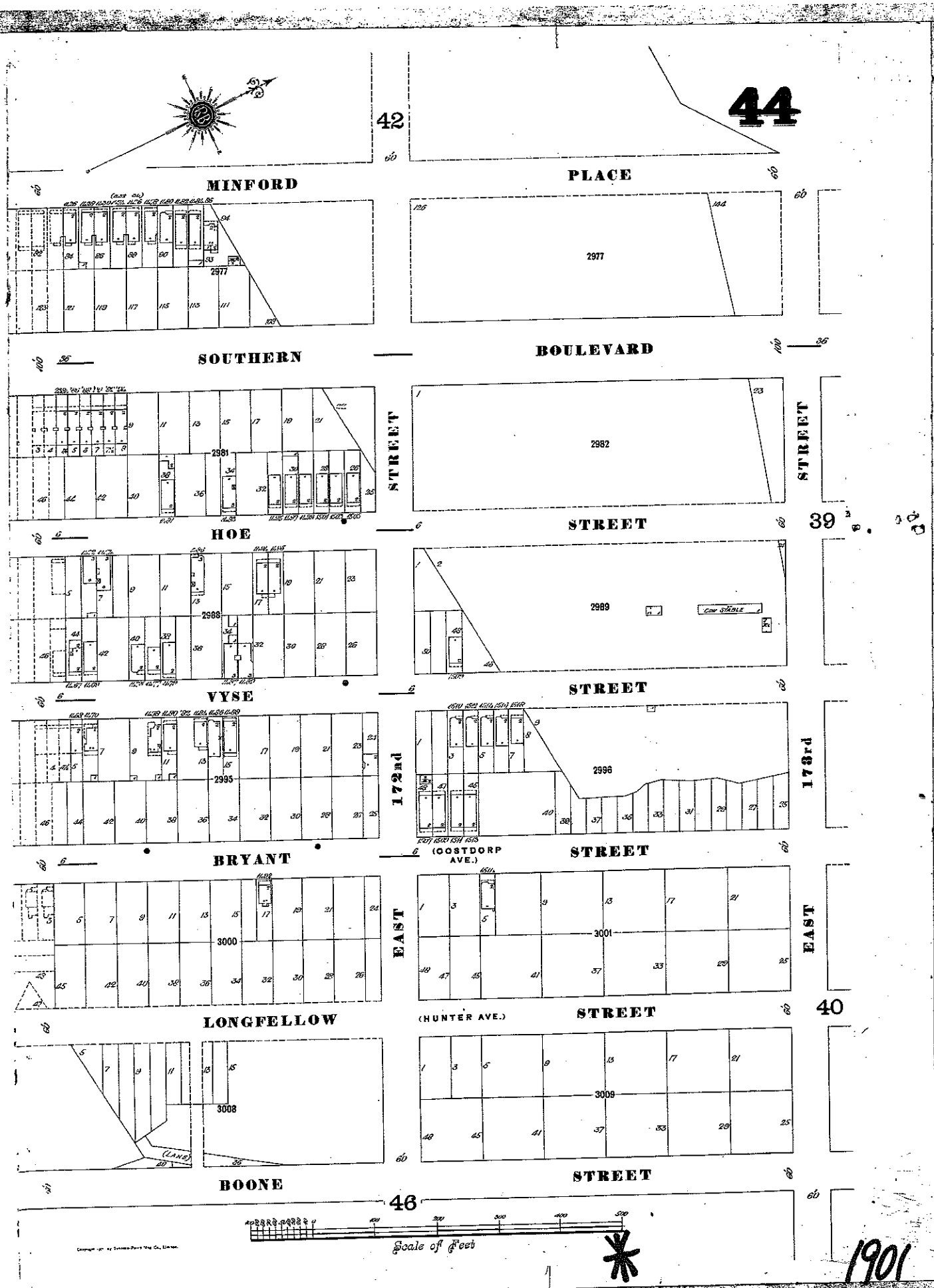
Impact Environmental
Environmental Site Assessment

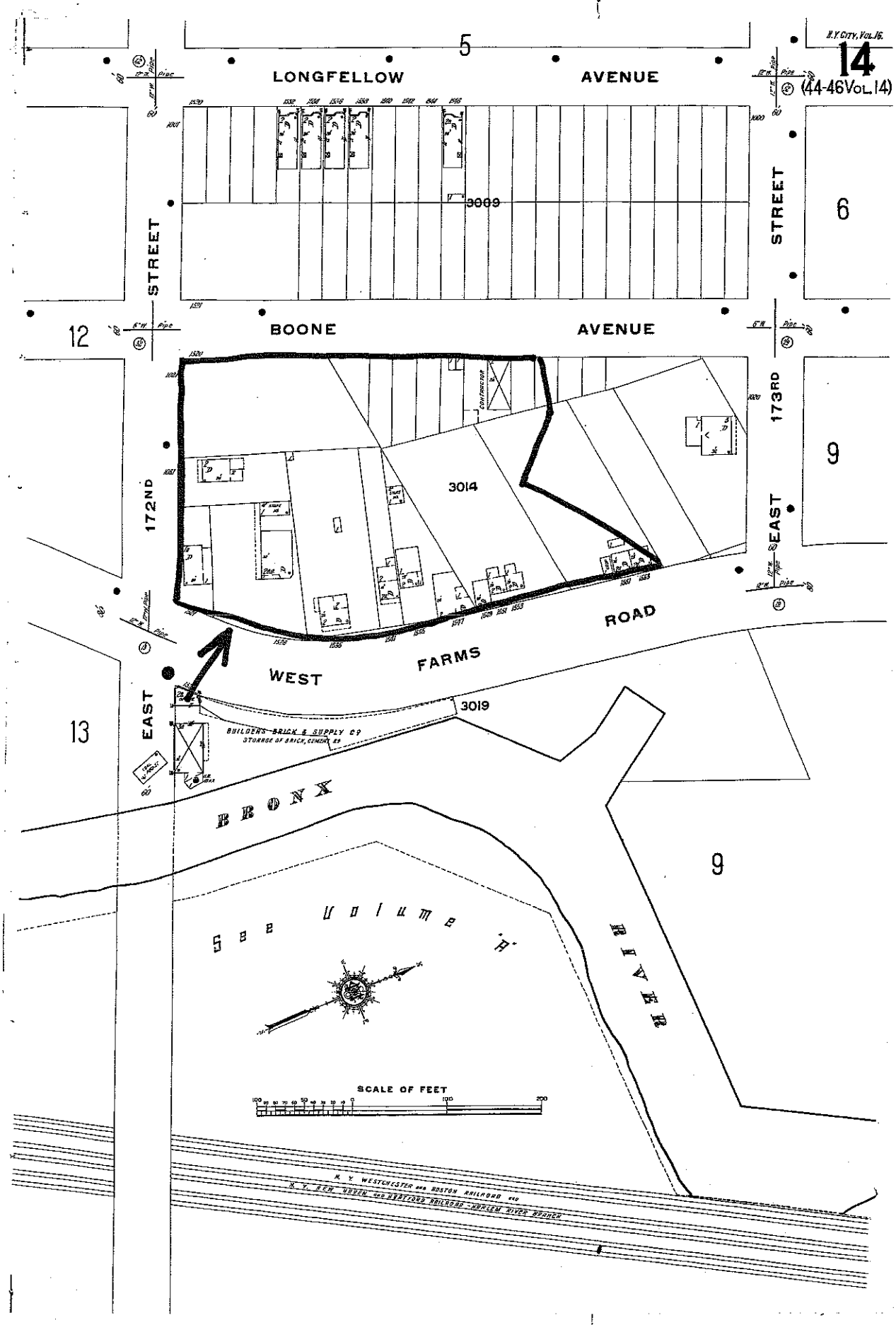
Appendix G
Sanborn Maps


233
PROSPECT
AVENUE
BOSTON
ROAD
WENDOVER AVE.
LYMAN PL.
FREEMAN
ST.
CHISHOLM
ST.
JENNINGS
STREET
BRISTOW
ST.
STEBBINS
AVENUE
PLACE
SEABURY AVE.
INTERVALE
AVENUE
260
INTERVALE
AVE.
WILKINS
CHARLOTTE
PL.
SOUTHERN
PLACE
FREEMAN
HOE
VYSE
COOKE
260
STREET
PLACE
OOSTDORP
HUNTER
BOONE
CHARLOTTE
WEST
FARMS
ROAD
260
Scale of Feet
1896

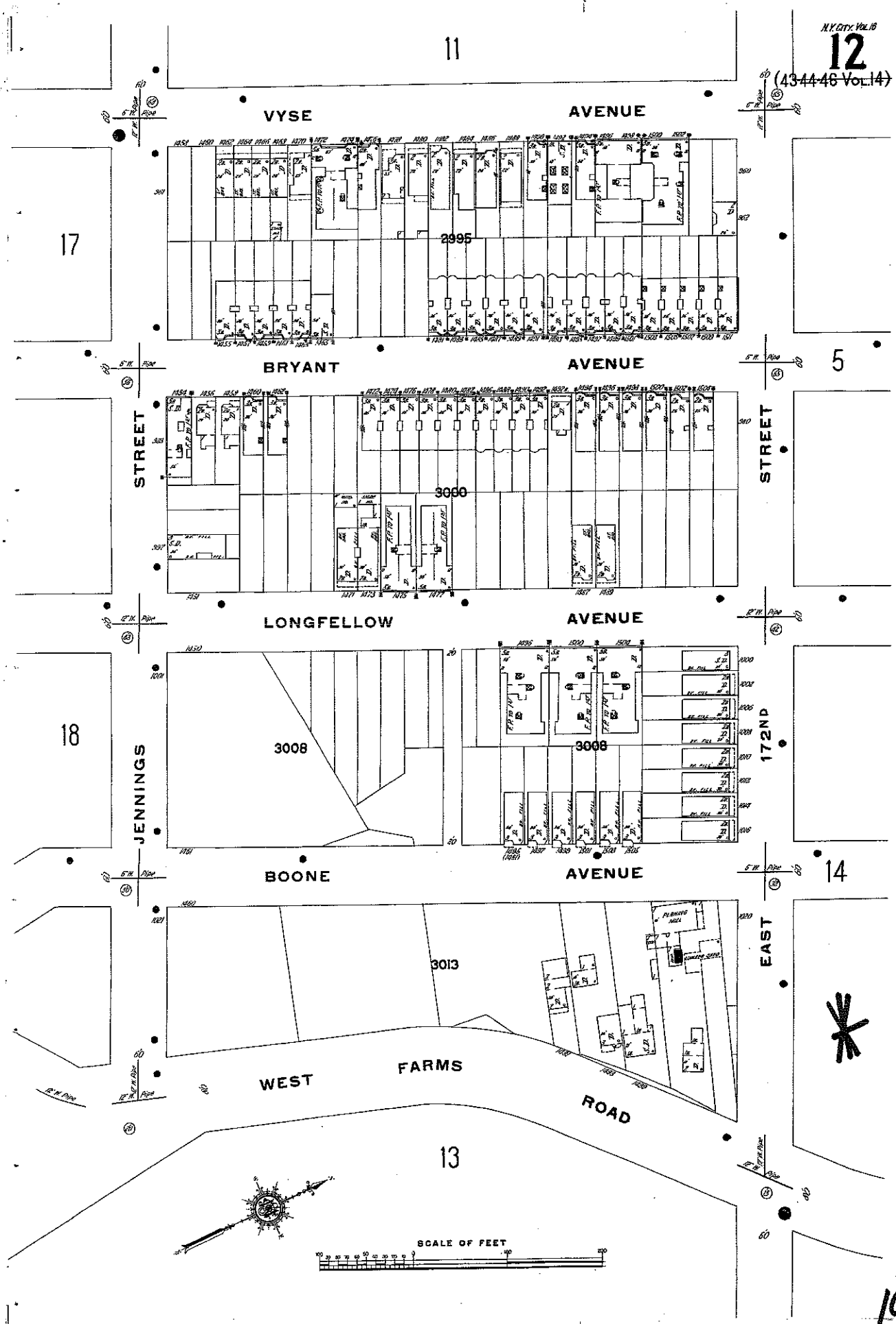

46
(SEE BELOW)
EAST 172nd ST.
E. 173rd ST.
40
44
BOONE STREET
WEST FARMS ROAD
BRONX RIVER
UNION RAILWAY
POWER HOUSE
COAL POCKET
COAL YARD
3013
3018
3014
STABLE
3019
LUMBER YARD
(See Vol. "A")
JENNINGS STREET
E. 172nd ST.
(SEE ABOVE)
OFFICE
COAL POCKETS
3007
43
EDGEWATER ROAD
3017
3012
3006
FREEMAN STREET
AVENUE
WESTCHESTER
2759
2159
45
HOME STREET
LONGFELLOW ST
Scale of Feet

1901

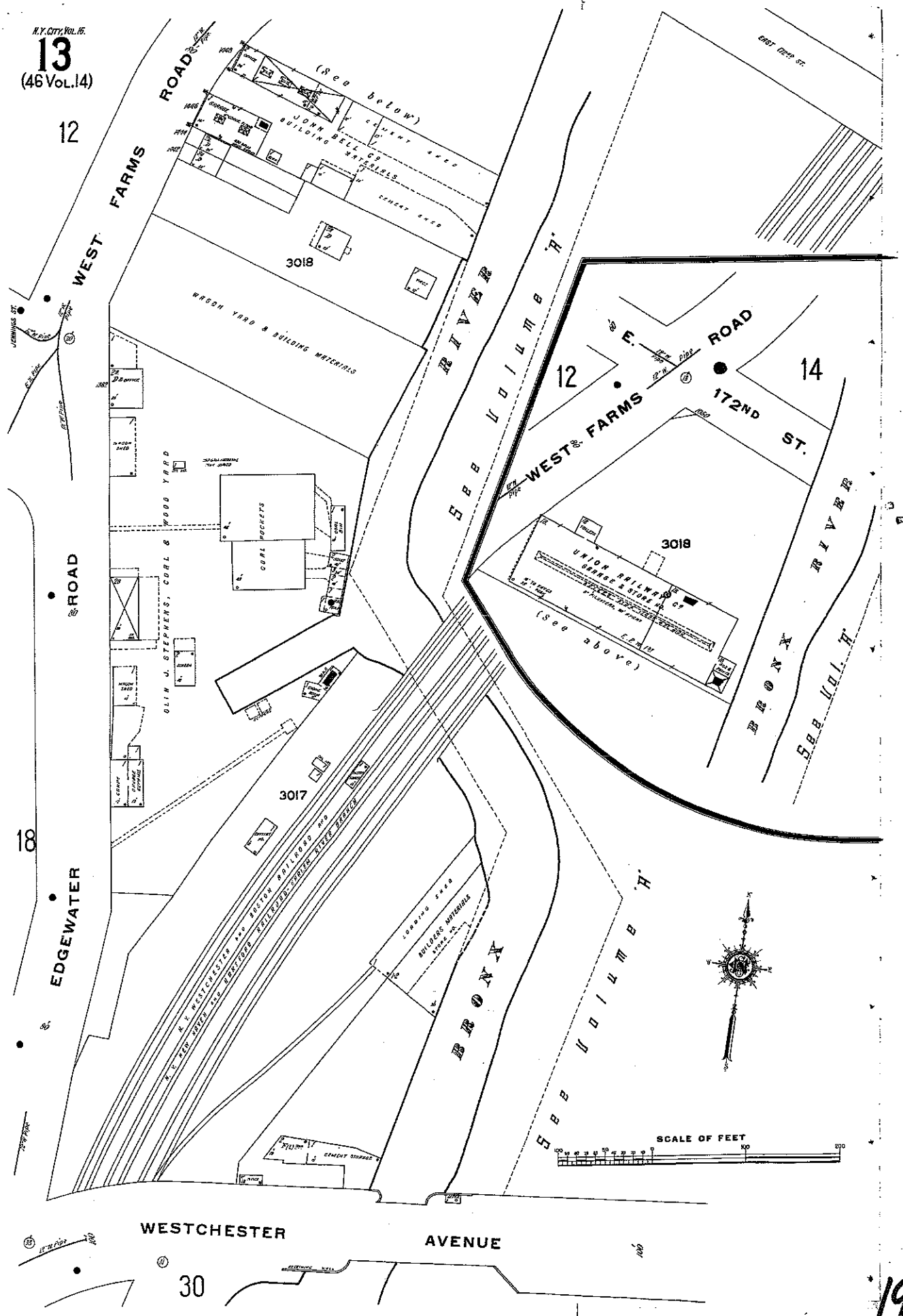

44
42
MINFORD
PLACE
2977
SOUTHERN
BOULEVARD
STREET
2981
2982
HOE
STREET
39
2988
2989
COW STABLE
VYSE
STREET
172nd
178rd
2995
2996
BRYANT
(COSTDORP AVE.)
STREET
EAST
3000
3001
LONGFELLOW
(HUNTER AVE.)
STREET
40
3008
3009
(LANE)
BOONE
STREET
46
Scale of Feet
1901


N.Y. City, Vol. 16.
14
(44-46 Vol. 14)
5
LONGFELLOW AVENUE
3009
STREET
STREET
6
12
BOONE AVENUE
173RD
EAST
9
3014
CONTRACTOR
172ND
EAST
WEST FARMS ROAD
3019
13
BUILDERS BRICK & SUPPLY CO
STORAGE OF BRICK, CEMENT, ETC
BRONX
RIVER
9
See Volume 4
SCALE OF FEET
N.Y. WESTCHESTER AND BOSTON RAILROAD
N.Y. NEW HAVEN AND HARTFORD RAILROAD - HARLEM RIVER BRANCH

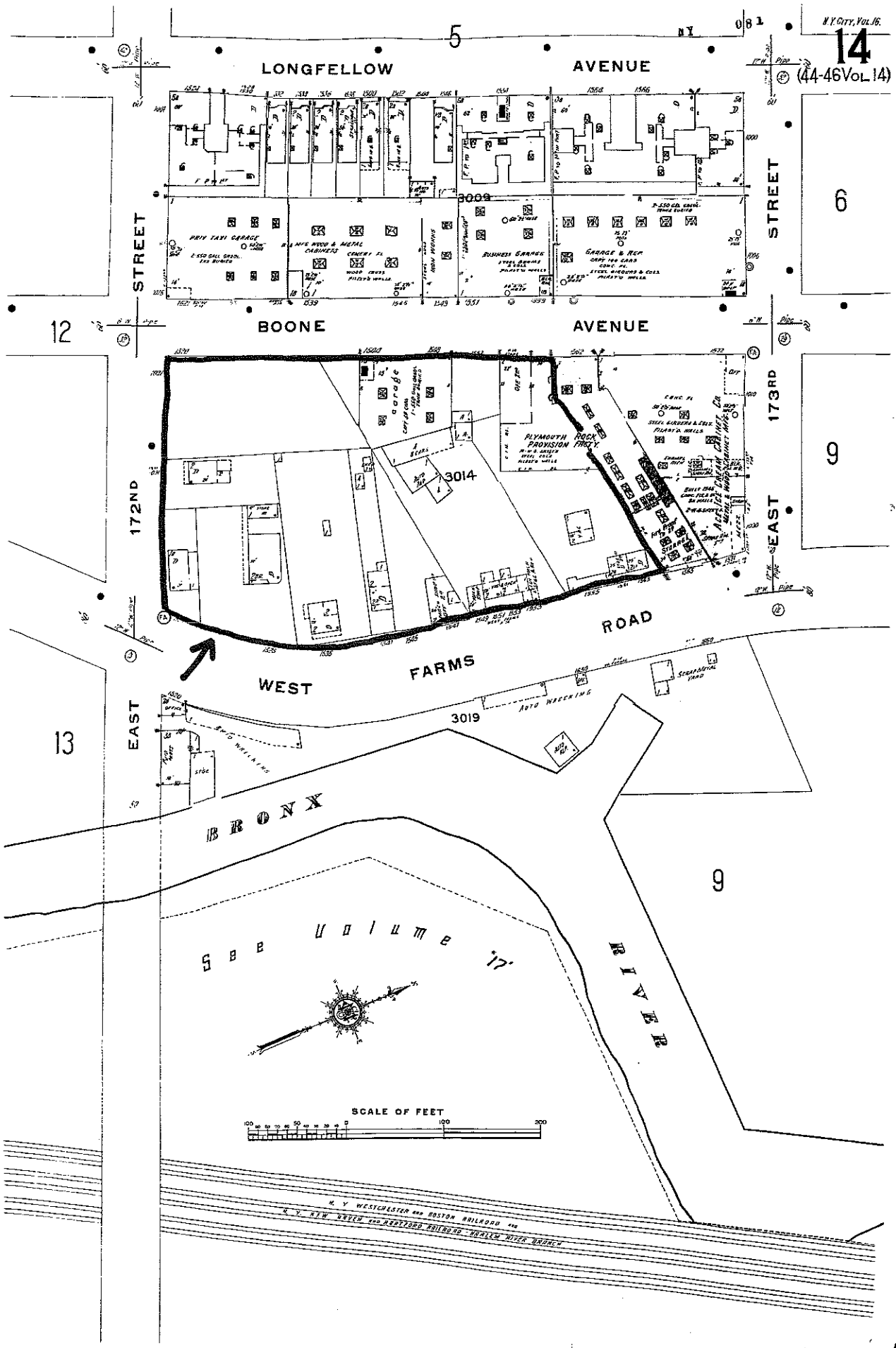
1915


11
VYSE
AVENUE
17
2995
BRYANT
AVENUE
5
STREET
3000
STREET
LONGFELLOW
AVENUE
18
JENNINGS
3008
3008
172ND
BOONE
AVENUE
14
3013
EAST
WEST
FARMS
ROAD
13
SCALE OF FEET

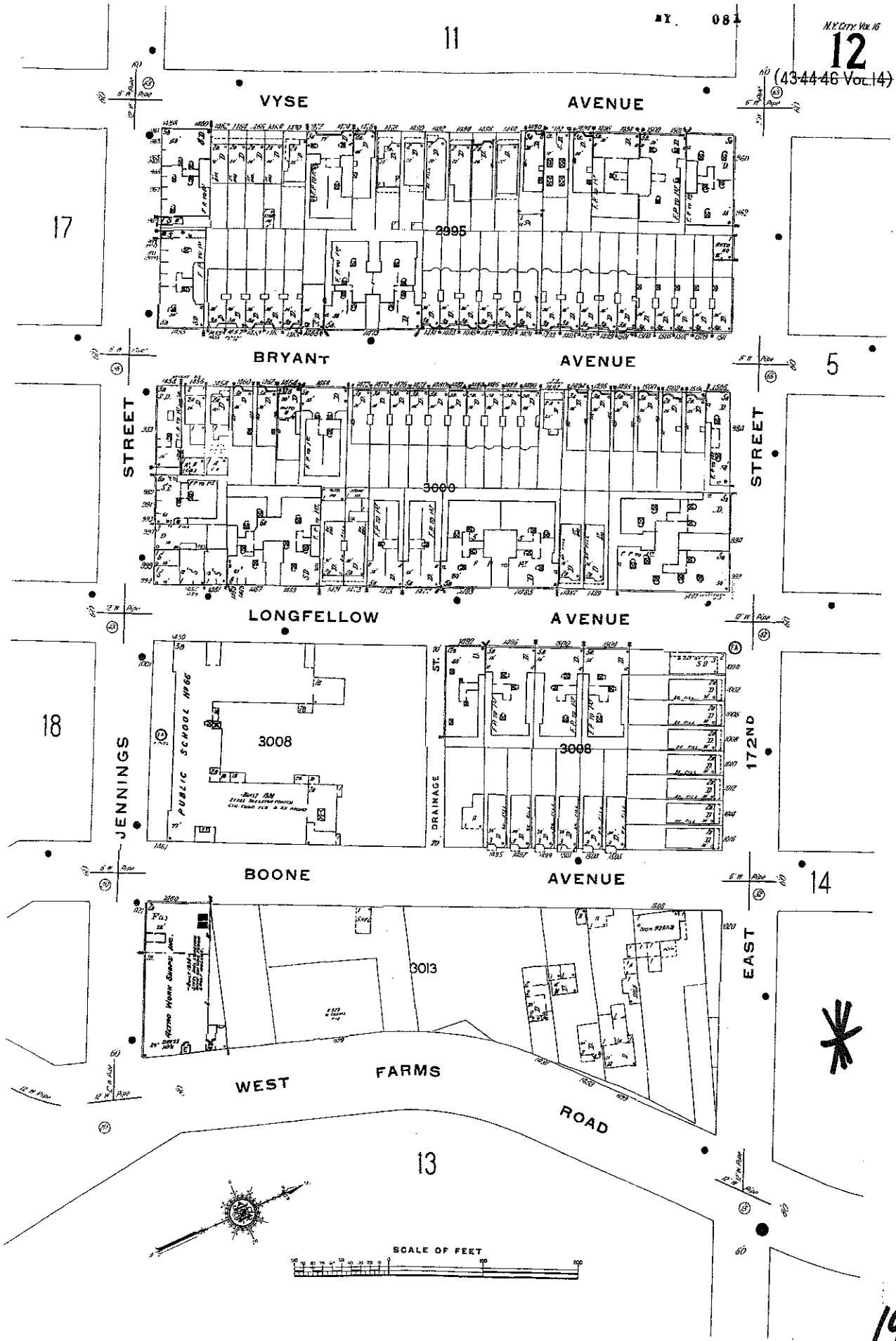
1915


WEST FARMS ROAD
12
(See below)
JOHN BELL CO
BUILDING MATERIALS
CEMENT SHED
3018
WAGON YARD & BUILDING MATERIALS
OLIN J. STEPHENS, COAL & WOOD YARD
COAL POCKETS
EDGEWATER ROAD
18
3017
N.Y. & NEW HAVEN AND HARTFORD RAILROAD
BOSTON RAILROAD
WESTCHESTER
HARLEM RIVER STREET
LOADING SHED
BUILDERS MATERIALS
CEMENT STORAGE
BRONX RIVER
See Volume "H"
EAST 172ND ST.
E. 172ND ST.
WEST FARMS ROAD
12
14
3018
UNION RAILWAY CO
GARAGE & STORE HS
(See above)
BRONX RIVER
See Volume "H"
SCALE OF FEET
WESTCHESTER AVENUE
30

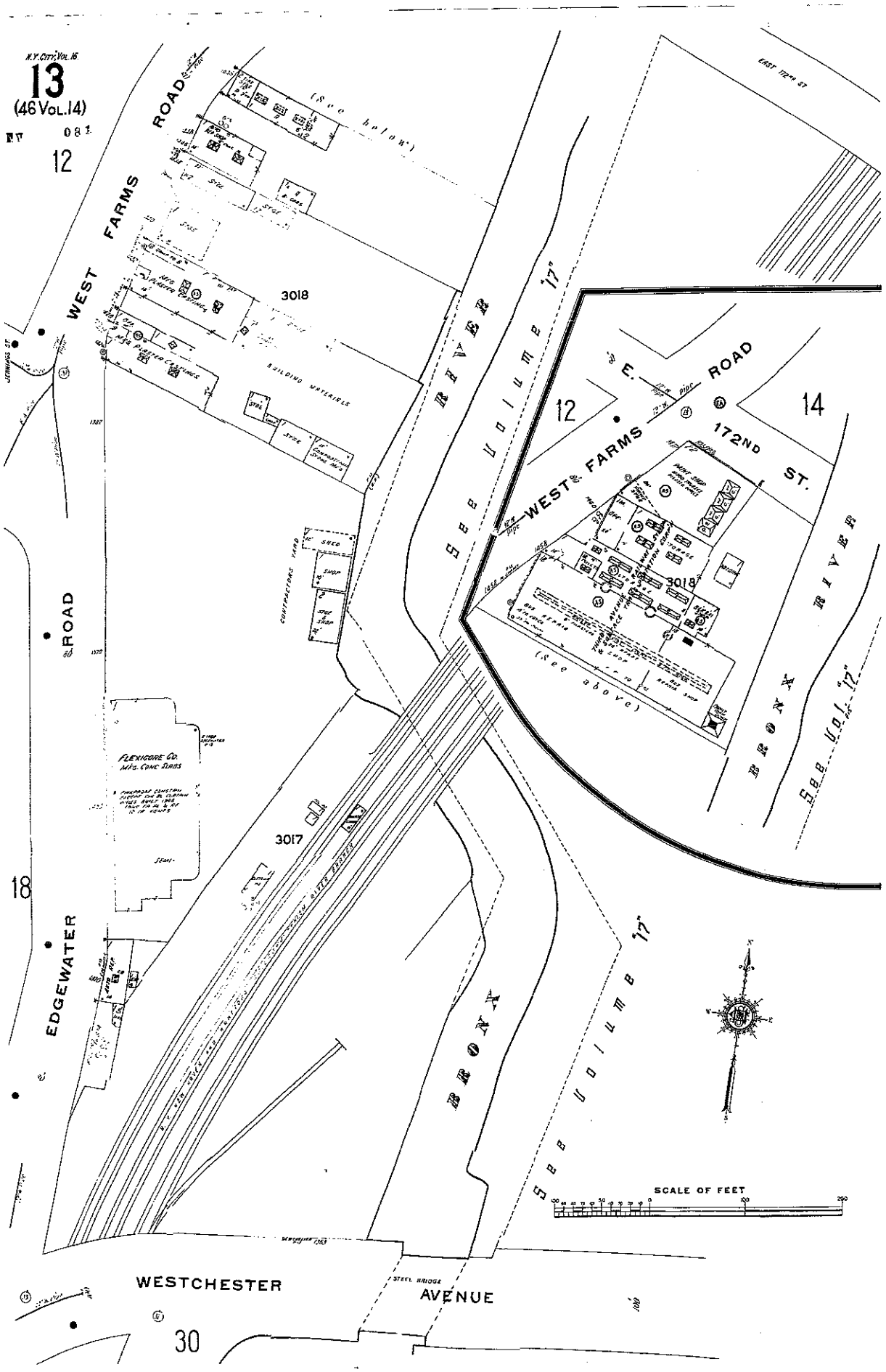
1915


N.Y. CITY, VOL. 16.
14
(44-46 VOL. 14)
LONGFELLOW AVENUE
BOONE AVENUE
172ND STREET
173RD STREET
EAST
WEST FARMS ROAD
BRONX RIVER
3009
3014
3019
PLYMOUTH ROCK PROV. CO.
PRIV. TAXI GARAGE
BUSINESS GARAGE
GARAGE & REP.
AUTO WRECKING
SCALE OF FEET
N.Y. WESTCHESTER AND BOSTON RAILROAD
N.Y. N.H. & HARTFORD RAILROAD - HARLEM RIVER BRANCH
See Volume 17

1951


11
VYSE AVENUE
17
2995
BRYANT AVENUE
5
STREET
3000
STREET
LONGFELLOW AVENUE
18
JENNINGS
PUBLIC SCHOOL No 66
3008
DRAINAGE
3008
172ND
BOONE AVENUE
14
3013
EAST
WEST FARMS ROAD
13
SCALE OF FEET

1951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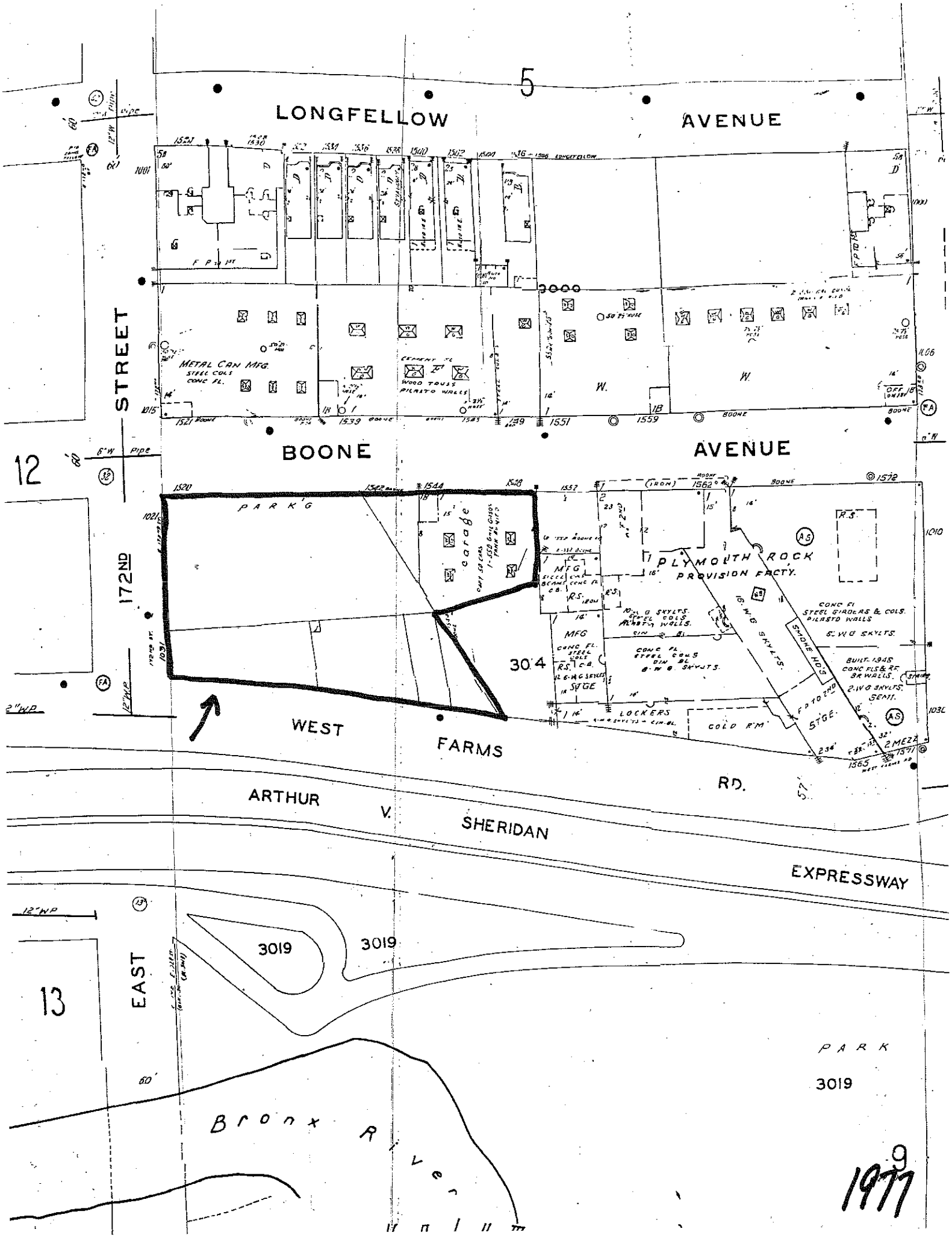
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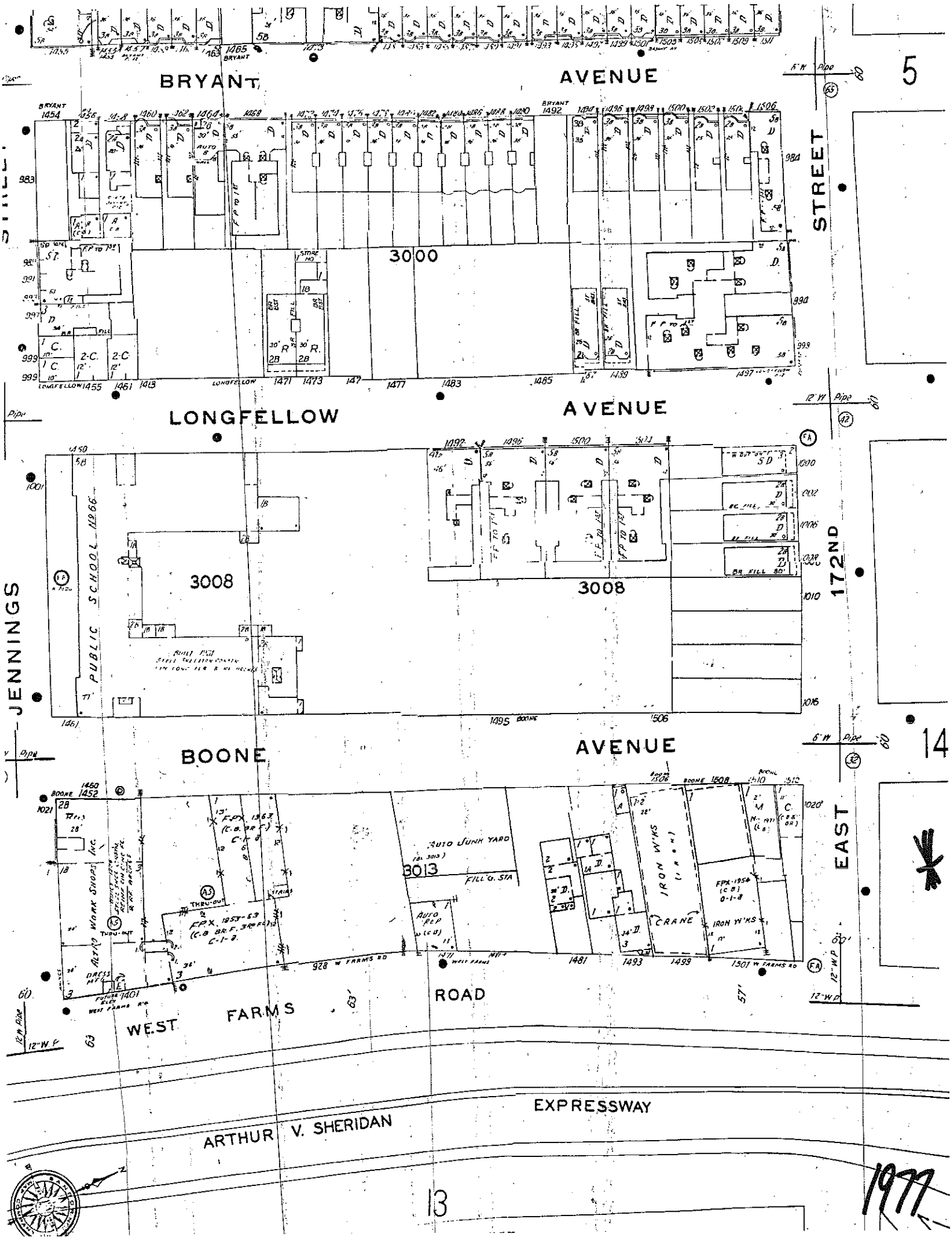
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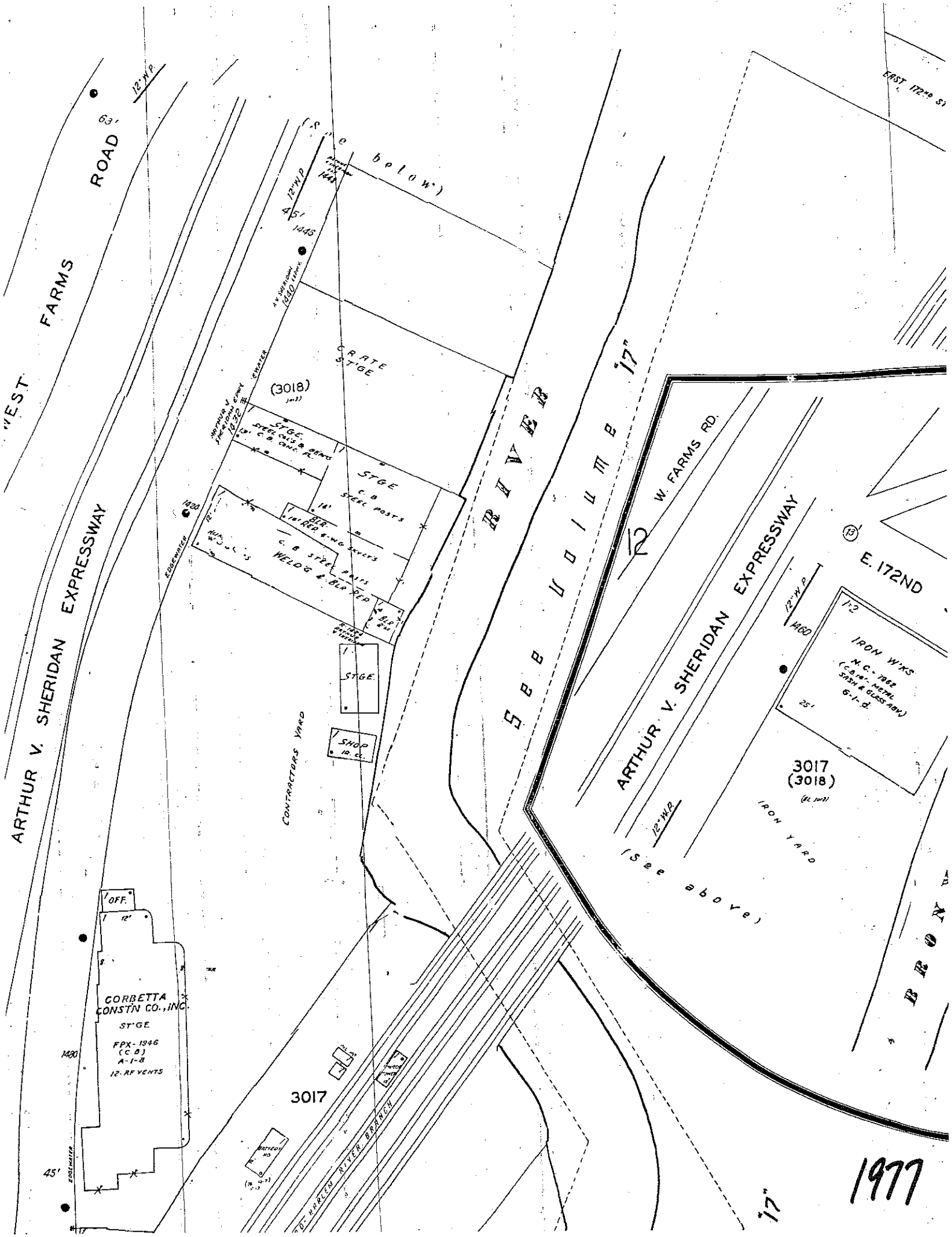
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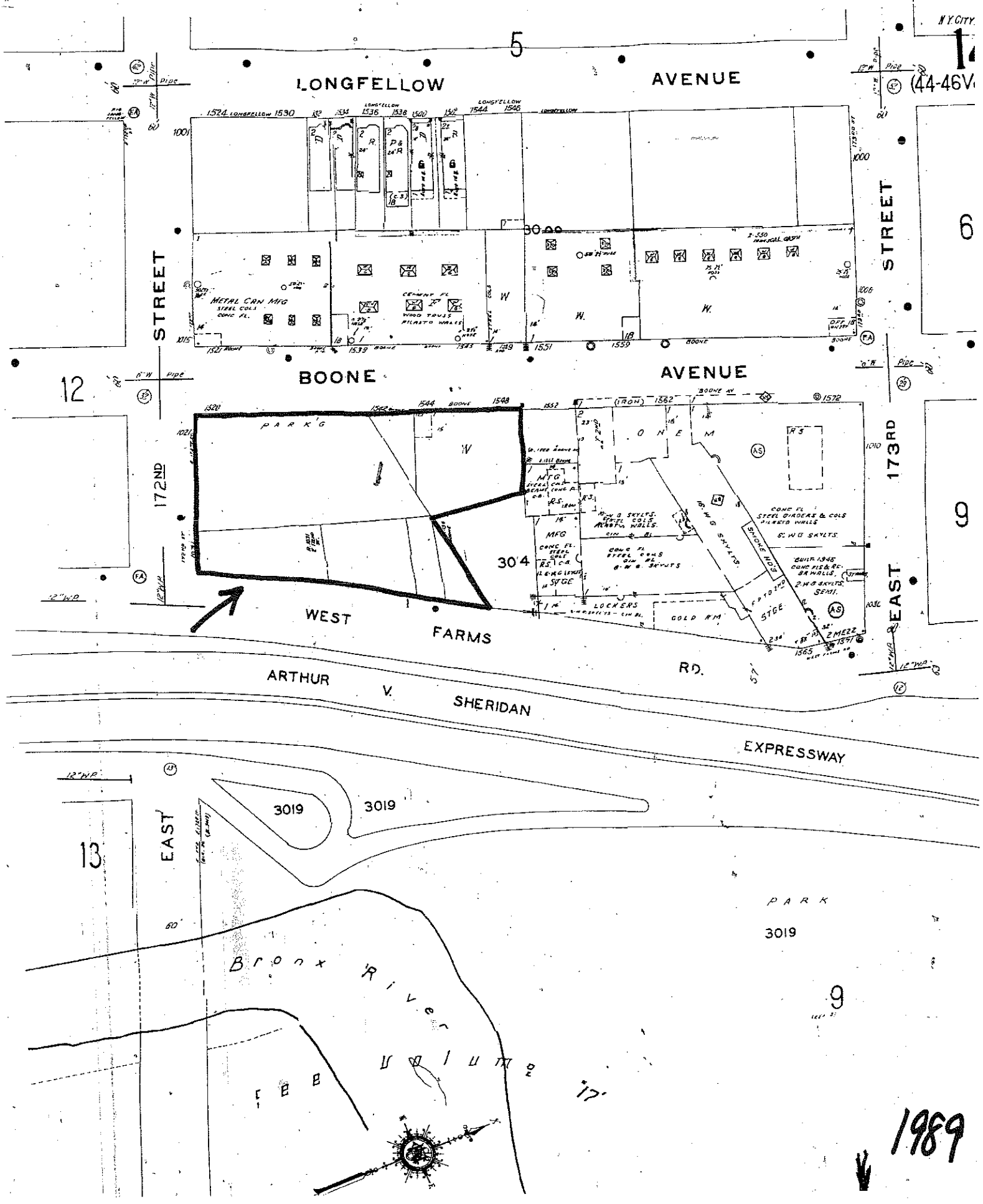
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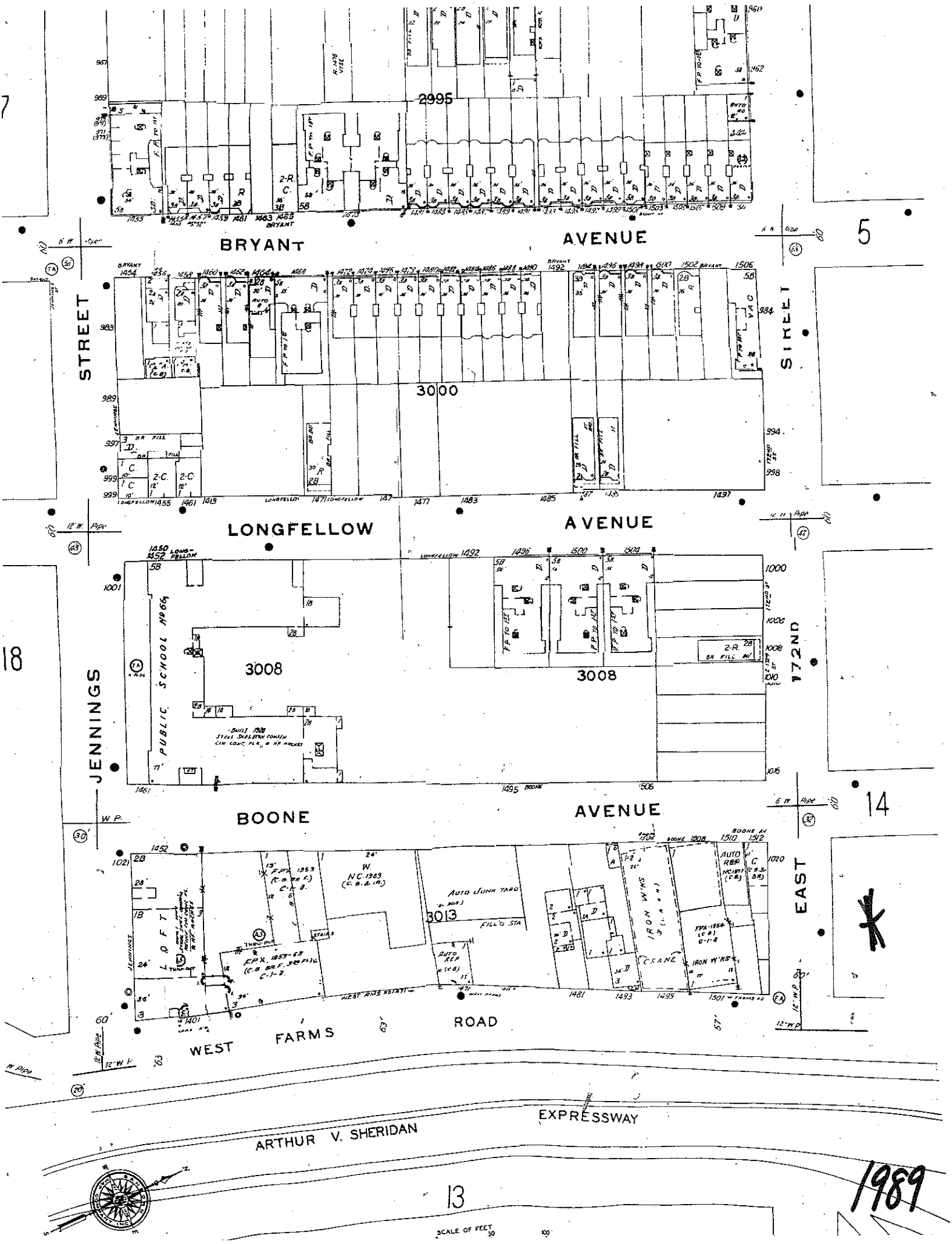
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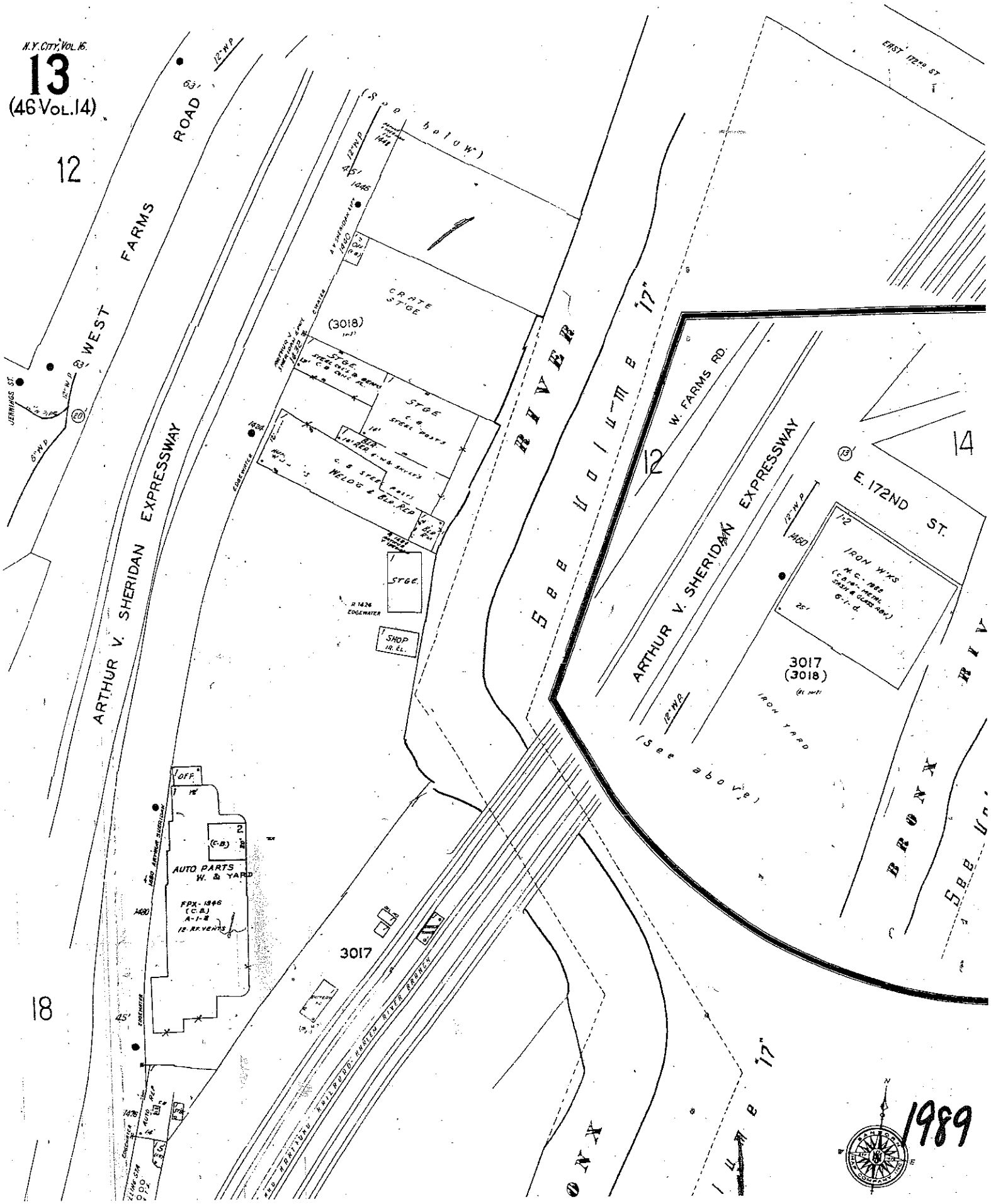

Impact Environmental
Environmental Site Assessment

Appendix H
Qualifications of the Environmental Professional

KEVIN KLEAKA — SENIOR ENVIRONMENTAL SCIENTIST

EDUCATION

December 1995

- State University of New York at Plattsburgh- Bachelor of Science in Environmental Sciences
- Environmental Chemistry Minor
- Applied Environmental Science Program

PROFESSIONAL EXPERIENCE

June 1997-Present

General Manager, *Impact Environmental Consulting, Inc., Bohemia, New York*

- Manage technical environmental investigation and remediation projects for private real estate owners/purchasers, lending institutions and government agencies.
- General Manager of Assessment and Remediation Departments with annual revenues of over 4 million for Phase I and II Environmental Site Assessments, NYSDEC Spill Investigation and Remediations, SCDHS & NCDH Underground Injection Control Programs, NYSDEC Voluntary Cleanup Programs, NYSDEC Inactive Hazardous Waste Disposal Site Investigation and Remediation, Brownfield Environmental Restoration, RCRA Closure, and NYCDEP E-Designation Sites.
- Supervise staff of geologists, hydrogeologists, engineers, environmental scientists, and computer analysts to develop and implement sampling and analysis plans, quality assurance programs, remedial action plans.
- NYSDEC approved Project Manager for New York State Inactive Hazardous Waste Sites.
- Provided professional witness testimony/deposition statements and support in litigation cases involving soil, air and/or groundwater pollution.

December 1995-June 1997

Chemist, *Wyeth Ayerst Laboratories, Rouses Point, New York*

- Worked in chromatographic separations division performing quality assurance analysis.
- Performed laboratory procedures and analyses in accordance with USFDA analytical test methods by liquid, gas, and thin layer chromatography.

CERTIFICATIONS & TRAINING

- New York Precision Equipment Global Survey Positioning Training, July 2006
- National Brownfield Organization Course, EPA's All Appropriate Inquiry Rule, February 2006
- New York State Department of Health, Vapor Intrusion Training, August 2005
- MTBE & TBA Comprehensive Site Assessment and Successful Groundwater Remediation, May 2004
- Environmental Data Resources, Due Diligence Workshop, March 2003
- Advanced Technologies for Accelerated Natural Attenuation, February 2003
- Conference on Pharmaceutical Contaminants in Water Resources-Minneapolis, October, 2001
- Geophysical Survey Systems, Theory and Practice of Applying Subsurface Interface Radar in Engineering and Geophysical Investigation, October 1997.
- 40-Hour Occupational Safety & Health Administration

ORGANIZATIONS

- National Groundwater Association
- Environmental Assessment Association
- Long Island Geologist Association
- Queens-Bronx Builders Association

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Environmental Site Assessment

Appendix I
Qualifications of the Project Manager

CHRISTOPHER O'LEARY — ENVIRONMENTAL BIOLOGIST

EDUCATION

May 2006

- Adelphi University of Garden City, New York – Master of Arts in Science Education
- Adolescent Science Education Program for grades (7-12)
- Graduated with Honors: Kappa Delta Pi International Honor Society in Education

May 2004

- Saint Joseph's College of Patchogue, New York – Bachelor of Science in Biology
- Chemistry Minor
- Saint Joseph's College of Liberal Arts and Sciences Honor Deans List, 09/03 - 05/04.

PROFESSIONAL EXPERIENCE

2006 - Present
Environmental Biologist, Impact Environmental Consulting, Inc., Bohemia, New York

- Submission of Freedom of Information Requests to various agencies.
- Conducts government record searches and file reviews in association with the performance of Phase I Environmental Site Assessments.
- Utilizes various publicly and privately compiled computer databases to satisfy the requirements of ASTM E-1527-05.
- Performs Phase I Environmental Site Assessment inspections.
- Technical Operator for Geoprobe sampling system for the acquisition of subsurface soil and groundwater.

1998 –2006
Purchasing Assistant Buyer II, Developmental Disabilities Institute, Smithtown, New York

- Purchased materials, equipment, and supplies for a $60 MM not for profit organization.
- Created and improved relationships with vendors, while negotiating pricing to ensure best value.
- Coordinated the distribution of materials and supplies for personnel, educators, and administration.
- Reviewed and posted the utility bills for supply, phone, cell phone, and medical equipment agency wide.

RELEVANT COURSEWORK

- Environmental Issues, Earth Science, Biology, Ecology, Physiology, Chemistry, Organic Chemistry, Genetics, Developmental Biology, Microbiology, Virology, Physics, and Calculus.

RESEARCH

- Scholarly Thesis: *The Effect of Increase Levels of Cephalosporins on the Growth and Development of Cephalosporin Resistant Microbes.*

Appendix C: Phase II ESA Limited Subsurface Investigation

Phase II Environmental Site Assessment

Limited Subsurface Investigation

August 15, 2007

conducted at:

1544 Boone Avenue
Bronx, New York
Bronx Tax Map Designation: *Block 3014; Lot 9*

prepared for:

Allied West Farms (NY) II, LLC
853 Broadway, Suite 2014
New York, New York

report user:

Allied West Farms (NY) II, LLC
853 Broadway, Suite 2014
New York, New York

IE Project Number: 07-132.1

IMPACT ENVIRONMENTAL

170 Keyland Ct Bohemia, New York 11754 ❖ 631.269.8800 telephone ❖ 631. 269.1599 facsimile ❖ impactenvironmental.com

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Plate 2: Sample Acquisition Map

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Table 1: Detected Analytes in Soil

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Figure 1: Geoprobe Operating System

APPENDICES

Appendix A: Quality Assurance and Quality Control Procedures (QA/QC)
Appendix B: Laboratory Report, JMS Environmental Services, Inc.

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1 Purpose & Scope

This Phase II Environmental Site Assessment (ESA) was conducted to define what, if any, contaminants have impacted the environmental quality of the property located at 1544 Boone Avenue, Bronx, New York, herein identified as the Site. The scope of this investigation was based on the recommendations presented in the Phase I ESA report prepared by Impact Environmental, dated June 12, 2007. Said assessment identified issues requiring supplemental data to further define the environmental quality of the Site.

The investigative protocols proposed for this assessment were based, in part, upon the following documents: 1) the New York State Department of Environmental Conservation Technical and Administrative Guidance Memorandum (TAGM) #4046, Determination of Soil Cleanup Objectives; 2) the New York State Department of Environmental Conservation, Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Limitations; 3) the New York State Department of Environmental Conservation, Sampling Guidelines and Protocols, Technical Background and Quality Control Assurance for the New York State Department of Environmental Conservation Spill Response Program, dated September 1992; and 4) the New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft DER-10 Technical Guidance For Site Investigation and Remediation, dated December 25, 2002. The activities performed under the scope of this investigation have been summarized in this report in the following sections.

- **Site Description**
- **Survey, Sampling and Analysis Plan**
- **Laboratory Analysis**
- **Evaluation of Results**
- **Conclusions**

Presented herein are the results of the Phase II Environmental Site Assessment conducted by Impact Environmental on the Site [see **Plate 1:** Project Location Map].

2 Site Description

All of the information presented in this section of the report was compiled during the performance of the Phase I ESA.

2.1 Topography

The areal extent of the Site was approximately 41,745 square feet (0.96 acres). The Site did not maintain any permanent structures. The elevation of the Site, as presented on the United States Geologic Survey (USGS) Central Park Quadrangle Map, approximates fifteen (15) to thirty (30) feet above sea level. The USGS Map, which was base dated 1954, photo revised and field checked in 1966, and photo revised again in 1979, did not depict a structure on the Site (the property is within an area in which only landmark buildings were mapped).

2.2 Land Use

The Site lies within New York City residential zoning district M1-1. The Site is currently undeveloped property for Imperial Iron Works Corporation. At the time of this Phase II Environmental Site Assessment the Site did not maintain any permanent structures.

2.3 Recognized Environmental Conditions

A review of historical Sanborn maps revealed that the Site has maintained over 10 dwellings, numerous stores, a shed, several private automobile garages, a cemetery, a machine shop and office, an auto repair shop (circa 1951), another machine shop, a vacant building, several offices, the Plymouth Rock Provision Factory (circa 1951), a warehouse, and a garage that had a buried gasoline tank (circa 1977). The Site is presently an undeveloped lot being used for the storage of equipment and steel materials. During the Site inspection, fill/vent pipes (nine or more) were observed next to the foundation of the old warehouse. The former land uses, the buried tanks, and the poor housekeeping practices observed on the Site have created the potential for organic and inorganic contaminants to have impacted the Site. In addition, the lack of documentation available for review regarding the underground storage tanks also represents *recognized environmental condition*. Accordingly, a ground penetrating radar survey is recommended to locate the underground storage tanks associated with the former on-site operations.

Furthermore, a limited subsurface investigation is recommended to determine if the environmental quality of the Site has been adversely impacted by former on-site activities.

3 Survey, Sampling and Analysis Plan

A survey, sampling and analysis program was developed to address the recognized environmental conditions identified in the Phase I ESA. The plan included: 1) a remote sensing survey to identify the presence of any underground storage tank(s) (USTs) still present on the Site; 2) an investigation to determine what, if any, contaminants were released to the subsurface soil of the Site as a result of former on-site activities. All sampling locations can be referenced with **Plate 2:** Sample Acquisition Map.

3.1 Remote Sensing Survey

A remote sensing survey was performed over portions of the planimetric surface of the Site utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system equipped with a 400MHz antenna. The survey was performed to: 1) to determine the location of any UST(s) still present on the Site.

During the remote sensing survey for the UST(s), the suspected former warehouse building (northwestern portion of the Site) and the surrounding areas were surveyed. The analysis of the data collected from the survey indicated ten subsurface anomalies that were interpreted to represent USTs.

3.1.1 GPR Procedures

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 50 KHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the subsurface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit represented as color graphic images for interpolation. This system is capable of transmitting electromagnetic energy in the frequency range of 16MHz to 2000MHz.

A qualified Impact Environmental technician specified a coordinate system on the planimetric surface of the site to map any subsurface dielectric anomalies detected on the premises. The operator used knowledge of the subsurface soil composition to calibrate the SIR-2 system to site-specific conditions.

Factor settings such as range, gain, number of gain points, and scans per unit, were modified to yield the most accurate data to describe the subsurface conditions.

Upon finding a dielectric anomaly, a more spatially specific coordinate system was designed over the area to determine it's size, shape and orientation. The data collected during the survey was reviewed by the operator and compared against past experience, technical judgment and prior site knowledge to classify the anomalies

3.2 Subsurface Soil Sampling

From August 6, 2007 to August 7, 2007, Impact Environmental installed twenty-two (22) soil probes, identified as SP-1, SP-2, SP-3, SP-4, SP-5, SP-6, SP-7, SP-8, SP-9, SP-10, SP-11, SP-12, SP-13, SP-14, SP-15, SP-16, SP-17, SP-18, SP-19, SP-20, SP-21, and SP-22, on the Site as part of this investigation.

Soil probes SP-1, SP-2, SP-3, and SP-5 through SP-18 were installed throughout the entire Site. Soil samples were secured at depth intervals from said probes from grade to twelve (12) feet below existing grade (BEG). Bedrock was encountered at 12 feet BEG.

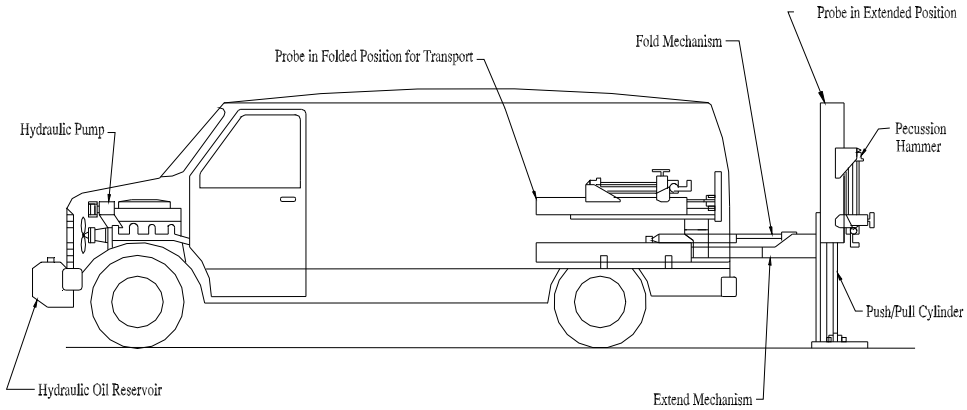
Soil probes SP-4, SP-19, SP-20, SP-21, and SP-22 were installed proximal to the USTs identified from the remote sensing survey. Subsurface soil samples were secured from said probes at depth intervals ranging from grade to grade to thirteen (13) feet BEG. Bedrock was encountered at 13 feet BEG. These samples were secured to provide data that would indicate if the former gasoline USTs had actuated a release of product to the subsurface soil of the Site.

3.2.1 Subsurface Probe Installation

Subsurface probes were sited using a Geoprobe hydraulically powered probing tool (see Figure 1: Geoprobe Operating System). Mechanized, vehicle mounted probe systems apply both static force and hydraulically powered percussion hammers for tool placement (static down forces up to 18,000 pounds combined with percussion hammers of eight horsepower continuous output). Recovery of large sample volumes was facilitated with a probe-driven sampler. The probe-driven sampler consisted of a hollow probe that opened via a remote control mechanism at the selected sampling depth in the soil profile to allow soil to enter as it was advanced. Discrete media samples were secured at the desired depths and

were contained within a non-reactive transparent plastic sleeve that lined the hollow probe. The plastic sleeves were removed for subsequent inspection and sample aliquot acquisition.

Figure 1: Geoprobe Operating System

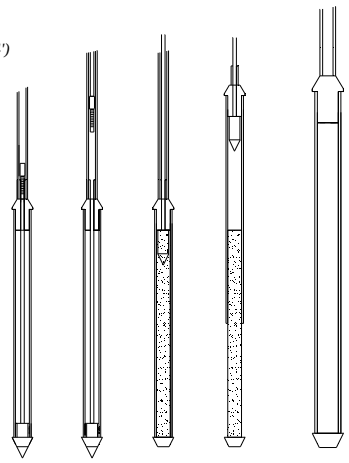


Basics

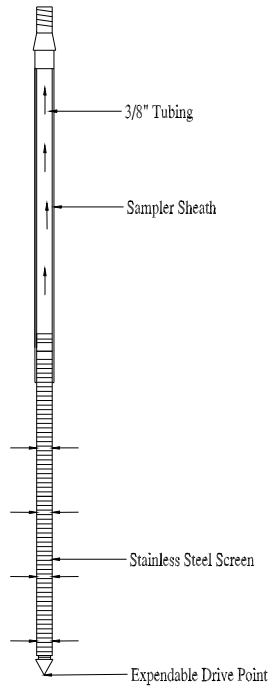
- Hydraulic powered probe unit isoperated from a engine driven pump.
- Remote vehicle ignition allows operator to start engine from probe unit.
- Belt driven hydraulic pump supplies 10 gpm @ 2000 rpm, 3000 psi operating pressure
- Probe unit folds for transport
- Unit utilizes static weight of vehicle and pecussion hammer to advance probing tools.
- Hydraulic hammer delivers pecussion rate of 30 Hz.
- Probes have greater than 18,000 lbs of down force and 25,000 lbs of retraction force.
- Drives multiple diameter probes (1", 1.25" and 2.25") to depths over 100 feet.

Soil Probing Tool
The tools are advanced and a sample is acquired in a non-reactive plastic sheathing. The system offers two sizes of sample retrieval:

Large bore - 1.5" x 2'
Macro - 2.25" x (2', 3' & 4')



Groundwater SP-15 Sampler
The tool allows a stainless steel, 4' screen to be delivered to the underlying groundwater. At the desired depth, the screen is retracted and samples are obtained via a check valve assembly.



3.3 Sample Characterization

A visual inspection of all samples recovered during the installation of each of the soil probes was conducted to identify any gross signs of chemical contamination and to classify the sample media. Color classifications were made in accordance with the Munsell Classification System. Gradation classifications were made in accordance with the Unified Soil Classification System.

In general, the samples obtained from soil probes SP-1 through SP-22 were found to consist of urban fill, medium brown sand, light brown clay, a very fine sand, and bedrock. Chemical odors or staining were noted within the soil samples SP-2, SP-3, SP-19, SP-20, SP-21, and SP-22 obtained from the Site. Fill material was observed from said probes ranging from grade to approximately three feet BEG.

3.4 Laboratory Sample Location and Frequency

The selected samples were labeled for identification purposes as 07-132.1-SP-1, 07-132.1-SP-2, 07-132.1-SP-3, 07-132.1-SP-4, 07-132.1-SP-5, 07-132.1-SP-6, 07-132.1-SP-7, 07-132.1-SP-8, 07-132.1-SP-9, 07-132.1-SP-10, 07-132.1-SP-11, 07-132.1-SP-12, 07-132.1-SP-13, 07-132.1-SP-14, 07-132.1-SP-15, 07-132.1-SP-16, 07-132.1-SP-17, 07-132.1-SP-18, 07-132.1-SP-19, 07-132.1-SP-20, 07-132.1-SP-21, and 07-132.1-SP-22.

The soil samples selected for laboratory analysis were containerized in the appropriate vessels, preserved at 4°C in a cooler and transported under proper chain-of-custody procedures to a NYS-DOH certified commercial laboratory for analysis.

4 Laboratory Analysis

4.1 Analytical Test Methods

The samples were transported to a New York State Certified Commercial Laboratory for analysis. Selection of the analytical test methods was based on the New York State Department of Environmental Conservation Technical and Administrative Guidance Memorandum (TAGM) #4046, Determination of Soil Cleanup Objectives.

The laboratory analysis performed on the subsurface soil samples secured from probes as SP-1, SP-2, SP-6, SP-7, SP-9, SP-10, SP-14, SP-15, and SP-16 consisted of United States Environmental Protection Agency (USEPA) Test Method 8260 for target volatile organic analytes, USEPA Test Method 8270 for target base-neutral semi-volatile organic analytes, and USEPA Test Method 6010 for heavy metals.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-3, SP-18, SP-19, SP-20, SP-21, and SP-22 consisted of USEPA Test Method 8021 (STARS) for target base-neutral semi-volatile organic analytes.

4.2 Analytical Results

The laboratory analysis performed on the subsurface soil samples secured from probes SP-9, SP-10, SP-14, SP-15, SP-18, and SP-21 failed to detect any concentrations of target volatile organic analytes. However, the laboratory analysis performed on the subsurface soil samples secured from probes SP-2, SP-3, SP-6, SP-7, SP-19, SP-20, SP-22 detected concentrations of target volatile organic analytes.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-6, SP-7, SP-9, SP-10, SP-14, SP-15, SP-18 failed to detect any concentrations of semi-volatile organic analytes. However, the laboratory analysis performed on the subsurface soil samples secured from probes SP-1, SP-2, and SP-16 detected concentrations of one or more semi-volatile organic analytes.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-1, SP-2, SP-6, SP-7, SP-9, SP-10, SP-14, SP-15, SP-16, and SP-18 detected concentrations of heavy metals.

Table 1: Detected Analytes in Soil. The original laboratory analysis report as prepared by JMS Environmental Services, Inc. is presented in **Appendix B** of this document.

5 Evaluation of Results

A remote sensing survey was performed over portions of the planimetric surface of the Site utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system equipped with a 400MHz antenna. The survey was performed to determine the location of any UST(s) still present on the Site.

During the remote sensing survey for the UST(s), the suspected former warehouse building and the surrounding areas were surveyed. The analysis of the data collected from the survey indicated ten subsurface anomalies that were interpreted to represent underground storage tanks.

From August 6, 2007 to August 7, 2007, Impact Environmental installed twenty-two (22) soil probes, identified as SP-1, SP-2, SP-3, SP-4, SP-5, SP-6, SP-7, SP-8, SP-9, SP-10, SP-11, SP-12, SP-13, SP-14, SP-15, SP-16, SP-17, SP-18, SP-19, SP-20, SP-21, and SP-22, on the Site as part of this investigation.

Soil probes SP-1, SP-2, SP-3, and SP-5 through SP-18 were installed throughout the entire Site. Sediment samples were secured from said probes from grade to twelve (12) feet below existing grade (BEG). Bedrock was encountered at 12 feet BEG.

Soil probes SP-4, SP-19, SP-20, SP-21, and SP-22 were installed proximal to the underground storage tanks (USTs) identified from the remote sensing survey. Subsurface soil samples were secured from said probes at depth intervals ranging from grade to grade to thirteen (13) feet below existing grade (BEG). Bedrock was encountered at 13 feet BEG. These samples were secured to provide data that would indicate if the former gasoline application had actuated a release of product to the subsurface soil of the Site.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-9, SP-10, SP-14, SP-15, SP-18, and SP-21 failed to detect any concentrations of target volatile organic analytes. However, the laboratory analysis performed on the subsurface soil samples secured from probes SP-2, SP-3, SP-6, SP-7, SP-19, SP-20, SP-22 detected concentrations of one target volatile organic analytes. SP-2, SP-3 and SP-22 all *exceeded* the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-6, SP-7, SP-9, SP-10, SP-14, SP-15, SP-18 failed to detect any concentrations of semi-volatile organic analytes. However, the laboratory analysis performed on the subsurface soil samples secured from probes SP-1,

SP-2, and SP-16 detected concentrations of one or more semi-volatile organic analytes. Said analytes were all *below* the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives except for SP-2.

The laboratory analysis performed on the subsurface soil samples secured from probes SP-1, SP-2, SP-6, SP-7, SP-9, SP-10, SP-14, SP-15, SP-16, and SP-18 detected concentrations of heavy metals.

6 Conclusions

Impact Environmental has performed a Phase II Environmental Site Assessment, Limited Subsurface Investigation on the Site in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. The investigation consisted of the sampling and analysis of subsurface soil and groundwater to further define the environmental quality of the Site with respect to the recognized environmental condition outlined in Section 2.3 of this document.

Based upon this assessment, dated August 15, 2007, Impact Environmental concludes that former on-site activities and the operation and abandonment of the gasoline USTs on the Site have impacted the environmental quality of the Site. Specifically, the soil quality in the location of the former warehouse/building in the northwestern portion of the Site (the area surrounding the historic USTs) and the area to the east and southeast of the USTs appeared to be impacted by the gasoline related constituents.

The findings of this investigation are required to be submitted to the New York State Department of Environmental Conservation (NYSDEC) to report the spill. It is further recommended, an investigation be preformed to define the contamination on the Site. In addition, the USTs should be properly removed in accordance with the applicable regulations. Furthermore, it is also recommended, the remediation on the Site be coordinated in accordance with the requirements of the NYSDEC.

The remainder of the Site revealed elevated levels of heavy metals above the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046, Recommended Soil Cleanup Objectives. Inorganic metal analytes were found to exist in the subsurface soils at concentrations above regional background levels. However, the concentrations and the homogeneity of the distribution of the analytes suggest that their presence is ubiquitous in the site fill, and not a result of the industrial on-site operations. This type of contamination is typical to urban fill found throughout the New York metropolitan area.

All impacted soil is considered a regulated waste in the State of New York and is therefore required to be managed in accordance with the State Solid Waste Regulations (6 NYCRR Part 360). This would require that all impacted soil be excavated, handled, transported and disposed of in accordance with a Waste Material Handling Plan. In addition, if re-development of the Site were to occur, this would require that all

impacted soil (urban fill) be excavated, handled, transported and disposed of in accordance with NYSDEC solid waste regulations.

IMPACT ENVIRONMENTAL

_____
Christopher O'Leary
Environmental Biologist

_____
Kevin Kleaka
Project Manager

DISCLAIMER FOR PHASE II ENVIRONMENTAL SITE ASSESSMENT

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, Impact Environmental may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to Impact Environmental at the time of the Site assessment. Although there may have been some degree of overlap in the information provided by these various sources, Impact Environmental did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this Site assessment.

Observations were made of the Site and of structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, Impact Environmental renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to non-hazardous or hazardous materials, in that portion of the Site or structure. In addition, Impact Environmental renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces.

Impact Environmental did not perform testing or analyses to determine the presence or concentration of asbestos at the Site or in the environment of the Site under the scope of the services performed.

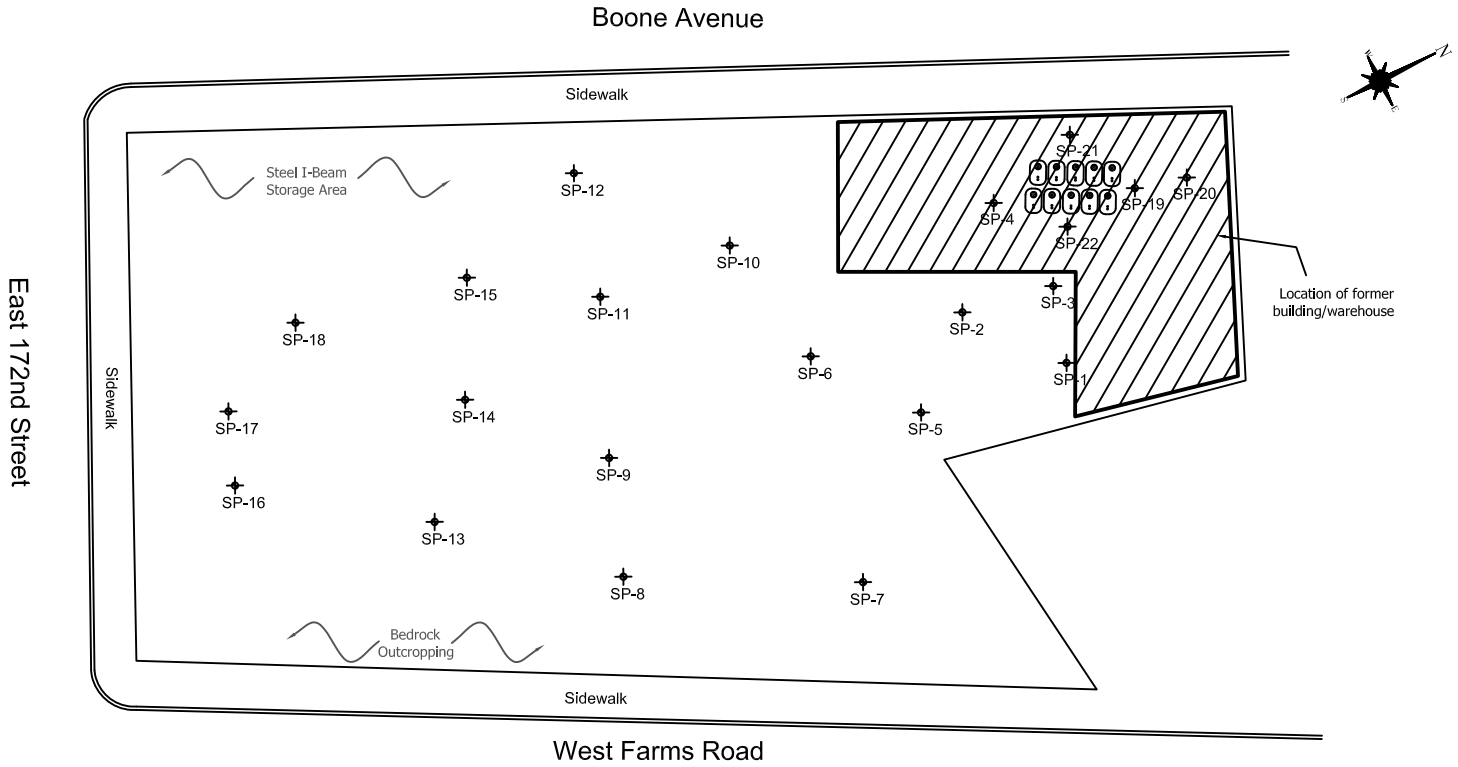
The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level readings made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the Site assessment. Where such analyses have been conducted by an outside laboratory, Impact Environmental has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary “screening” level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this Site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the Site.



Legend

Soil Probe

suspected 550-gallon UST

TITLE: Sample Acquisition Map

1544 Boone Avenue
Bronx, New York

DRAWN BY:	CO
CHECKED BY:	KK
DATE:	08/15/2007
SCALE:	1" = 30'

PROJECT #	07-132.1
PLATE #	02

IMPACT ENVIRONMENTAL
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APPENDIX B:

Quality Assurance and Quality Control Procedures (QA/QC)

Quality Assurance and Quality Control Procedures (QA/QC)

The following sampling QA/QC protocol is in accordance with the United States Environmental Protection Agency's (USEPA) accepted sampling procedures for hazardous waste streams [Municipal Research Laboratory, 1980, Sampling and Analysis Procedures for Hazardous Material Waste Streams, Office of Emergency and Remedial Response, Cincinnati, Ohio. EPA-600/280-018] and American Society of Testing and Material's (ASTM's) Sampling Procedures.

A. Sampling Personnel

The activities associated with the survey, sampling and analysis plan were performed by or under the auspices of a USEPA Office of Emergency and Remedial Response, Certified Sampler for Hazardous Materials. The sample staff (samplers) possessed a minimum of a B.A. Degree in the Earth, Space or Biological Sciences or a B.S. Degree in Engineering. Samplers had a minimum of one (1) year experience in environmental/geological field work. Additionally, all samplers had received mandatory forty-hour Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training.

B. Sampling Equipment

Separate QA/QC measures were implemented for each of the instruments used in the performance of the SAP.

B.1 Geoprobe

Prior to arrival on the Site and between sample locations, the probes were decontaminated by washing them with a detergent (Alconox) and potable water solution and rinsing them with distilled water.

B.2 Photo Ionization Detector

Calibration of the PID was conducted prior to sampling using a span gas of known concentration. The PID was a Photovac Micro-Tip, photo ionization detection meter.

B.3 Sample Vessels

All sample vessels were "level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons were placed in containers with

Teflon lined caps. All samples were preserved by cooling them to a temperature of approximately four degrees Celsius.

C. Sample Documentation

A sample represents physical evidence. An essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of custody procedures were followed.

C.1 Sample Identification

Sample identification was executed by use of a sample tag, log book and chain-of-custody form. Said documentation provided the following information: 1) the project code; 2) the sample laboratory number; 3) the sample preservation; 4) instrument used for source sample grabs; 5) the composite medium used for source sample grabs; 6) the date the sample was secured from the source media; 7) the time the sample was secured from the source media; and 8) the person who secured the sample from the source media.

C.2 Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if it: was in a person's possession; it was in a person's view, after being in possession; if it was in a person's possession and they locked it up; or, it was in a designated secure area. When transferring custody, the individuals relinquishing and receiving the samples signed, dated and noted the time on the Chain-of-Custody Form.

C. 3 Laboratory-Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody Records. Pertinent information as to shipment, pick-up, courier, etc., were entered in the "remarks" section. The custodian entered the sample tag data into a bound logbook.

The laboratory custodian used the sample tag number, or assigned a unique laboratory number to each sample tag, and assured that all samples were transferred to the proper analyst or stored in the

appropriate source area. The laboratory custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples, from the time they were received, until the sample was exhausted or returned to the sample custodian. All identifying data sheets and laboratory records were retained as part of the permanent documentation. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

APPENDIX C:

Laboratory Report, Long Island Analytical Laboratories, Inc.

1544 Boone Avenue, Bronx, NY
Table 1 - Laboratory Analysis - Detected Analytes in Soil

	Parameter ID	SP-1	SP-2	SP-3	SP-6	SP-7	SP-9	SP-10	SP-14	SP-15	SP-16	SP-18	SP-19	SP-20	SP-21	SP-22	NYSDEC TAGM #4046 Recommended Soil Cleanup Objectives	NYSDEC Background Levels
Sample ID		**[10-12']**	**[2-3']**	**[11-12']**	**[10-12']**	**[0-2']**	**[0-2']**	**[5-7']**	**[7-8']**	**[7-8']**	**[4-5']**	**[6-7']**	**[12-13']**	**[8']**	**[7']**	**[8-9']**		
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
1,1,2,2-Tetrachloroethane	VOC	7	<5	NA	<5	<5	<5	<5	<5	<5	<5	<5	NA	NA	NA	NA	600	NA
1,2,4-Trimethylbenzene	VOC	<5	**33,544**	**68,747**	183	82	<5	<5	<5	<5	<5	<5	593	58	<5	<5	sum<10,000	NA
1,3,5-Trimethylbenzene	VOC	<5	**35,805**	**74,445**	154	79	<5	<5	<5	<5	<5	<5	257	23	<5	<5	3300	NA
Ethylbenzene	VOC	<5	**12,934**	**33,004**	54	<5	<5	<5	<5	<5	<5	<5	49	<5	<5	**59,406**	5,500	NA
Isopropylbenzene	VOC	<5	<5	**6,328**	<5	<5	<5	<5	<5	<5	<5	<5	116	<5	<5	<5	2300	NA
n-Butylbenzene	VOC	<5	<5	9,096	<5	<5	<5	<5	<5	<5	<5	<5	127	<5	<5	<5	sum <10,000	NA
n-Propylbenzene	VOC	<5	**5,141**	**12,276**	<5	<5	<5	<5	<5	<5	<5	<5	198	18	<5	**13,669**	3700	NA
p-Isopropyltoluene	VOC	<5	<5	3,542	<5	<5	<5	<5	<5	<5	<5	<5	47	<5	<5	4,269	sum<10,000	NA
sec-Butylbenzene	VOC	<5	<5	1,410	<5	<5	<5	<5	<5	<5	<5	<5	48	6	<5	<5	sum < 10,000	NA
Toluene	VOC	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**3,866**	1,500	NA
Total Xylenes	VOC	<5	**72,642**	**135,154**	305	<5	<5	<5	<5	<5	<5	<5	539	36	<5	**310,159**	NA	NA
2-Methylnaphthalene	SVOC	<330	5,754	NA	<330	<330	<330	<330	<330	<330	<330	<330	NA	NA	NA	NA	36,400	NA
Benzo-g,h,i-Perylene	SVOC	342	<330	NA	<330	<330	<330	<330	<330	<330	<330	<330	NA	NA	NA	NA	50,000	NA
Bis(2-Ethylhexyl)Phthalate	SVOC	<330	1,118	NA	<330	<330	<330	<330	<330	<330	<330	<330	NA	NA	NA	NA	50,000	NA
Fluoranthene	SVOC	<330	<330	NA	<330	<330	<330	<330	<330	<330	461	<330	NA	NA	NA	NA	50,000	NA
Naphthalene	SVOC	<330	**3,269**	NA	<330	<330	<330	<330	<330	<330	<330	<330	NA	NA	NA	NA	200 or MDL	NA
Phenanthrene	SVOC	<330	**1,917**	NA	<330	<330	<330	<330	<330	<330	<330	<330	NA	NA	NA	NA	30 or MDL	NA
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*
Aluminum, Al	METAL	6,106	17,877	NA	15,022	22,425	14,436	11,867	10,029	13,254	15,134	4,151	NA	NA	NA	NA	NA	33,000
Antimony, Sb	METAL	0.143	1.75	NA	2.61	2.56	1.61	1.33	1.36	1.44	0.989	<0.05	NA	NA	NA	NA	NA	NA
Arsenic, As	METAL	0.896	0.403	NA	1.23	0.254	1.04	<0.05	1.74	1.48	2.9	<0.05	NA	NA	NA	NA	7.5 or SB	3.0-12
Barium, Ba	METAL	32.5	42.9	NA	105	193	60.2	55.2	56.9	102	80.3	36.8	NA	NA	NA	NA	300 or SB	15-600
Beryllium, Be	METAL	**0.196**	**0.515**	NA	**0.276**	**0.245**	**0.38**	**0.299**	**0.276**	**0.298**	**0.377**	<0.05	NA	NA	NA	NA	0.16 or SB	0.0-1.75
Cadmium, Cd	METAL	0.747	**1.63**	NA	**1.57**	**2.82**	**1.42**	**1.1**	**1.16**	**1.12**	**1.42**	0.09	NA	NA	NA	NA	1 or SB	0.1-1
Calcium, Ca	METAL	944	1077	NA	2041	3571	1274	845	966	1452	2278	1987	NA	NA	NA	NA	SB	130-35,000
Chromium, Cr	METAL	**12.5**	28.9	NA	**24.7**	**30.7**	**20.9**	**20.8**	**22.8**	**18.7**	**25.5**	**19.6**	NA	NA	NA	NA	10 or SB	1.5-40
Chromium, trivalent	METAL	12.5	28.9	NA	24.7	30.7	20.9	20.8	22.8	18.7	25.5	19.6	NA	NA	NA	NA	NA	NA
Cobalt, Co	METAL	5.99	12.9	NA	18.4	21.4	13.6	9.01	8.29	9.5	13.5	7.96	NA	NA	NA	NA	30 or SB	2.5-60
Copper, Cu	METAL	17.5	23.5	NA	**40.3**	9.57	**39.1**	**28.2**	22.8	**34.2**	**29.1**	**32.8**	NA	NA	NA	NA	25 or SB	1.0-50
Iron, Fe	METAL	**13,096**	**27,562**	NA	**26,212**	**43,091**	**22,294**	**19,198**	**20,596**	**19,399**	**23,973**	**13,569**	NA	NA	NA	NA	2,000 or SB	2,000-550,000
Lead, Pb	METAL	12.1	46.5	NA	24.5	40.6	29.3	16.7	17.5	16.9	23.3	21.5	NA	NA	NA	NA	61-500	4.0-61 or 200-500
Magnesium, Mg	METAL	1,743	4,354	NA	6,374	8,417	4,376	2,108	1,878	1,820	5,881	1,547	NA	NA	NA	NA	SB	100-5,000
Manganese, Mn	METAL	308	452	NA	383	307	294	361	377	573	288	174	NA	NA	NA	NA	SB	50-5,000
Nickel, Ni	METAL	11.5	**19.1**	NA	**26.1**	**27**	**27.6**	**16.1**	**14.1**	**18.1**	**23.8**	8.54	NA	NA	NA	NA	13 or SB	0.5-25
Potassium, K	METAL	1,054	1,572	NA	6,462	15,556	5,974	1,995	1,638	1,516	3,434	1,105	NA	NA	NA	NA	SB	8,500-43,000
Sodium, Na	METAL	107	97	NA	186	295	139	139	156	170	137	147	NA	NA	NA	NA	NA	6,000-8,000
Vanadium, V	METAL	18.9	37.1	NA	41.6	53.6	26.5	32.2	32.2	31.5	43.6	24.9	NA	NA	NA	NA	NA	1-300
Zinc, Zn	METAL	21.4	52.3	NA	59.1	131	102	28.9	30.4	35.8	68.5	63.8	NA	NA	NA	NA	NA	9.0-50

Data Reporting Qualifiers
< Indicates the compound was analyzed, but not detected above MDLs
Bold values represent detections above applicable guidance criteria
NA: Not Applicable

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Analytical Report

Impact Environmental: 07-132.1
170 Keyland Ct
Bohemia, NY 11716

Report Date: 8/13/2007

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059794

Sample's Information: **Sample ID:** SP-1

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	7 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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Impact Environmental: 07-132.1

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Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059794

Sample's Information: **Sample ID:** SP-1

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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JMS ID: 059794

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Preservative:
Temperature:
Matrix: Soil

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Time Collected: 9:40:00 AM

Date Received: 8/8/2007
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Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	342 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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JMS ID: 059794

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Preservative:
Temperature:
Matrix: Soil

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Time Collected: 9:40:00 AM

Date Received: 8/8/2007
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Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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JMS ID: 059794

Sample's Information: **Sample ID:** SP-1

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
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Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	6106 ppm	N/A	6010/E200.7
08/09/07	Antimony	0.143 ppm	N/A	6010/E200.7
08/09/07	Arsenic	0.896 ppm	N/A	6010/E200.7
08/09/07	Barium	32.5 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.196 ppm	N/A	6010/E200.7
08/09/07	Cadmium	0.747 ppm	N/A	6010/E200.7
08/09/07	Calcium	944 ppm	N/A	6010/E200.7
08/09/07	Chromium	12.5 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	12.5 ppm	N/A	6010/E200.7
08/09/07	Cobalt	5.99 ppm	N/A	6010/E200.7
08/09/07	Copper	17.5 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	13096 ppm	N/A	6010/E200.7
08/09/07	Lead	12.1 ppm	N/A	6010/E200.7
08/09/07	Magnesium	1743 ppm	N/A	6010/E200.7
08/09/07	Manganese	308 ppm	N/A	6010/E200.7

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Collector's Information: **JMS ID:** 059794
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-1

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708474

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	11.5 ppm	N/A	6010/E200.7
08/09/07	Potassium	1054 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	107 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	18.9 ppm	N/A	6010/E200.7
08/09/07	Zinc	21.4 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

JMS Environmental Services, Inc.
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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059795

Sample's Information: **Sample ID:** SP-2

Site: 2-3'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708475

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	33544 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	35805 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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JMS ID: 059795

Sample's Information: **Sample ID:** SP-2

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Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	12934 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	5141 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	72462 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	5754 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059795

Sample's Information: **Sample ID:** SP-2

Site: 2-3'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708475

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	1118 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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Collector's Information:
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Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059795

Sample's Information: **Sample ID:** SP-2

Site: 2-3'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708475

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	3269 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	1917 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059795

Sample's Information: **Sample ID:** SP-2

Site: 2-3'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708475

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	17877 ppm	N/A	6010/E200.7
08/09/07	Antimony	1.75 ppm	N/A	6010/E200.7
08/09/07	Arsenic	0.403 ppm	N/A	6010/E200.7
08/09/07	Barium	42.9 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.515 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.63 ppm	N/A	6010/E200.7
08/09/07	Calcium	1077 ppm	N/A	6010/E200.7
08/09/07	Chromium	28.9 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	28.9 ppm	N/A	6010/E200.7
08/09/07	Cobalt	12.9 ppm	N/A	6010/E200.7
08/09/07	Copper	23.5 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	27562 ppm	N/A	6010/E200.7
08/09/07	Lead	46.5 ppm	N/A	6010/E200.7
08/09/07	Magnesium	4354 ppm	N/A	6010/E200.7
08/09/07	Manganese	452 ppm	N/A	6010/E200.7

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City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information: **JMS ID:** 059795
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-2

Site: 2-3'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708475

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	19.1 ppm	N/A	6010/E200.7
08/09/07	Potassium	1572 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	97 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	37.1 ppm	N/A	6010/E200.7
08/09/07	Zinc	52.3 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059796

Sample's Information: **Sample ID:** SP-3

Site: 11-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708476

Date Analyzed	Test Name	Result	Method
08/10/07	1,2,4-Trimethylbenzene	68747 ppb	8260
08/10/07	1,3,5-Trimethylbenzene	74445 ppb	8260
08/10/07	Benzene	<5 ppb	8260
08/10/07	Ethylbenzene	33004 ppb	8260
08/10/07	Isopropylbenzene	6328 ppb	8260
08/10/07	m&p xylene	128721 ppb	8260
08/10/07	MTBE	<5 ppb	8260
08/10/07	Naphthalene	62076 ppb	8260
08/10/07	n-Butylbenzene	9096 ppb	8260
08/10/07	n-Propylbenzene	12276 ppb	8260
08/10/07	o-Xylene	6433 ppb	8260
08/10/07	p-Isoproplytoluene	3542 ppb	8260
08/10/07	sec-Butylbenzene	1410 ppb	8260
08/10/07	tert-Butylbenzene	<5 ppb	8260
08/10/07	Toluene	<5 ppb	8260
08/10/07	Total Xylenes	135154 ppb	8260

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059797

Sample's Information: **Sample ID:** SP-6

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	183 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	154 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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JMS ID: 059797

Sample's Information: **Sample ID:** SP-6

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
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Date Received: 8/8/2007
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Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	54 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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JMS ID: 059797

Sample's Information: **Sample ID:** SP-6

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
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Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	305 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059797

Sample's Information: **Sample ID:** SP-6

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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Preservative:
Temperature:
Matrix: Soil

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Time Collected: 9:40:00 AM

Date Received: 8/8/2007
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Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Temperature:
Matrix: Soil

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Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	15022 ppm	N/A	6010/E200.7
08/09/07	Antimony	2.61 ppm	N/A	6010/E200.7
08/09/07	Arsenic	1.23 ppm	N/A	6010/E200.7
08/09/07	Barium	105 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.276 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.57 ppm	N/A	6010/E200.7
08/09/07	Calcium	2041 ppm	N/A	6010/E200.7
08/09/07	Chromium	24.7 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	24.7 ppm	N/A	6010/E200.7
08/09/07	Cobalt	18.4 ppm	N/A	6010/E200.7
08/09/07	Copper	40.3 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	26212 ppm	N/A	6010/E200.7
08/09/07	Lead	24.5 ppm	N/A	6010/E200.7
08/09/07	Magnesium	6374 ppm	N/A	6010/E200.7
08/09/07	Manganese	383 ppm	N/A	6010/E200.7

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Collector's Information: **JMS ID:** 059797
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-6

Site: 10-12'
Preservative:
Temperature:
Matrix: Soil

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Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708477

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	26.1 ppm	N/A	6010/E200.7
08/09/07	Potassium	6462 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	186 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	41.6 ppm	N/A	6010/E200.7
08/09/07	Zinc	59.1 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059798

Sample's Information: **Sample ID:** SP-7

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708478

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	82 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	79 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059798

Sample's Information: **Sample ID:** SP-7

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708478

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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JMS ID: 059798

Sample's Information: **Sample ID:** SP-7

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708478

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	22425 ppm	N/A	6010/E200.7
08/09/07	Antimony	2.56 ppm	N/A	6010/E200.7
08/09/07	Arsenic	0.254 ppm	N/A	6010/E200.7
08/09/07	Barium	193 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.245 ppm	N/A	6010/E200.7
08/09/07	Cadmium	2.82 ppm	N/A	6010/E200.7
08/09/07	Calcium	3571 ppm	N/A	6010/E200.7
08/09/07	Chromium	30.7 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	30.7 ppm	N/A	6010/E200.7
08/09/07	Cobalt	21.4 ppm	N/A	6010/E200.7
08/09/07	Copper	9.57 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	43091 ppm	N/A	6010/E200.7
08/09/07	Lead	40.6 ppm	N/A	6010/E200.7
08/09/07	Magnesium	8417 ppm	N/A	6010/E200.7
08/09/07	Manganese	307 ppm	N/A	6010/E200.7

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Collector's Information: **JMS ID:** 059798
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-7

Site: 0-2' **Date Collected:** 8/7/2007 **Date Received:** 8/8/2007
Preservative: **Time Collected:** 9:40:00 AM **Time Received:** 7:00:00 AM
Temperature: **Lab No.:** J0708478
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	27 ppm	N/A	6010/E200.7
08/09/07	Potassium	15556 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	295 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	53.6 ppm	N/A	6010/E200.7
08/09/07	Zinc	131 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059799

Sample's Information: **Sample ID:** SP-9

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708479

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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JMS ID: 059799

Sample's Information: **Sample ID:** SP-9

Site: 0-2'
Preservative:
Temperature:
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Date Collected: 8/7/2007
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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059799

Sample's Information: **Sample ID:** SP-9

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708479

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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Temperature:
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Time Collected: 9:40:00 AM

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Time Received: 7:00:00 AM
Lab No.: J0708479

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059799

Sample's Information: **Sample ID:** SP-9

Site: 0-2'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708479

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	14436 ppm	N/A	6010/E200.7
08/09/07	Antimony	1.61 ppm	N/A	6010/E200.7
08/09/07	Arsenic	1.04 ppm	N/A	6010/E200.7
08/09/07	Barium	60.2 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.38 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.42 ppm	N/A	6010/E200.7
08/09/07	Calcium	1274 ppm	N/A	6010/E200.7
08/09/07	Chromium	20.9 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	20.9 ppm	N/A	6010/E200.7
08/09/07	Cobalt	13.6 ppm	N/A	6010/E200.7
08/09/07	Copper	39.1 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	22294 ppm	N/A	6010/E200.7
08/09/07	Lead	29.3 ppm	N/A	6010/E200.7
08/09/07	Magnesium	4376 ppm	N/A	6010/E200.7
08/09/07	Manganese	294 ppm	N/A	6010/E200.7

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Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information: **JMS ID:** 059799
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-9

Site: 0-2' **Date Collected:** 8/7/2007 **Date Received:** 8/8/2007
Preservative: **Time Collected:** 9:40:00 AM **Time Received:** 7:00:00 AM
Temperature: **Lab No.:** J0708479
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	27.6 ppm	N/A	6010/E200.7
08/09/07	Potassium	5974 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	139 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	26.5 ppm	N/A	6010/E200.7
08/09/07	Zinc	102 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Analytical Report

Impact Environmental: 07-132.1
170 Keyland Ct
Bohemia, NY 11716

Report Date: 8/13/2007

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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Impact Environmental: 07-132.1

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Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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41 Kenosia Avenue
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Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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41 Kenosia Avenue
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Address: 170 Keyland Ct
City: Bohemia
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Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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Impact Environmental: 07-132.1

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Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
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JMS ID: 059800

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	11867 ppm	N/A	6010/E200.7
08/09/07	Antimony	1.33 ppm	N/A	6010/E200.7
08/09/07	Arsenic	<0.05 ppm	N/A	6010/E200.7
08/09/07	Barium	55.2 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.299 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.1 ppm	N/A	6010/E200.7
08/09/07	Calcium	845 ppm	N/A	6010/E200.7
08/09/07	Chromium	20.8 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	20.8 ppm	N/A	6010/E200.7
08/09/07	Cobalt	9.01 ppm	N/A	6010/E200.7
08/09/07	Copper	28.2 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	19198 ppm	N/A	6010/E200.7
08/09/07	Lead	16.7 ppm	N/A	6010/E200.7
08/09/07	Magnesium	2108 ppm	N/A	6010/E200.7
08/09/07	Manganese	361 ppm	N/A	6010/E200.7

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information: **JMS ID:** 059800
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-10

Site: 5-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708480

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	16.1 ppm	N/A	6010/E200.7
08/09/07	Potassium	1995 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	139 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	32.2 ppm	N/A	6010/E200.7
08/09/07	Zinc	28.9 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

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City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059801

Sample's Information: **Sample ID:** SP-14

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708481

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	10029 ppm	N/A	6010/E200.7
08/09/07	Antimony	1.36 ppm	N/A	6010/E200.7
08/09/07	Arsenic	1.74 ppm	N/A	6010/E200.7
08/09/07	Barium	56.9 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.276 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.16 ppm	N/A	6010/E200.7
08/09/07	Calcium	966 ppm	N/A	6010/E200.7
08/09/07	Chromium	22.8 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	22.8 ppm	N/A	6010/E200.7
08/09/07	Cobalt	8.29 ppm	N/A	6010/E200.7
08/09/07	Copper	22.8 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	20596 ppm	N/A	6010/E200.7
08/09/07	Lead	17.5 ppm	N/A	6010/E200.7
08/09/07	Magnesium	1878 ppm	N/A	6010/E200.7
08/09/07	Manganese	377 ppm	N/A	6010/E200.7

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Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-14

Site: 7-8' **Date Collected:** 8/7/2007 **Date Received:** 8/8/2007
Preservative: **Time Collected:** 9:40:00 AM **Time Received:** 7:00:00 AM
Temperature: **Lab No.:** J0708481
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	14.1 ppm	N/A	6010/E200.7
08/09/07	Potassium	1638 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	156 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	32.2 ppm	N/A	6010/E200.7
08/09/07	Zinc	30.4 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Impact Environmental: 07-132.1

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Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059802

Sample's Information: **Sample ID:** SP-15

Site: 7-8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708482

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	13254 ppm	N/A	6010/E200.7
08/09/07	Antimony	1.44 ppm	N/A	6010/E200.7
08/09/07	Arsenic	1.48 ppm	N/A	6010/E200.7
08/09/07	Barium	102 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.298 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.12 ppm	N/A	6010/E200.7
08/09/07	Calcium	1452 ppm	N/A	6010/E200.7
08/09/07	Chromium	18.7 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	18.7 ppm	N/A	6010/E200.7
08/09/07	Cobalt	9.5 ppm	N/A	6010/E200.7
08/09/07	Copper	34.2 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	19399 ppm	N/A	6010/E200.7
08/09/07	Lead	16.9 ppm	N/A	6010/E200.7
08/09/07	Magnesium	1820 ppm	N/A	6010/E200.7
08/09/07	Manganese	573 ppm	N/A	6010/E200.7

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Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information: **JMS ID:** 059802
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-15

Site: 7-8' **Date Collected:** 8/7/2007 **Date Received:** 8/8/2007
Preservative: **Time Collected:** 9:40:00 AM **Time Received:** 7:00:00 AM
Temperature: **Lab No.:** J0708482
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	18.1 ppm	N/A	6010/E200.7
08/09/07	Potassium	1516 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	170 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	31.5 ppm	N/A	6010/E200.7
08/09/07	Zinc	35.8 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

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Impact Environmental: 07-132.1

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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

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Address: 170 Keyland Ct
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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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Address of site: 1544 Boone Ave
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Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	461 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Impact Environmental: 07-132.1

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Name: Impact Environmental
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City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059803

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Date Collected: 8/7/2007
Date Received: 8/8/2007
Preservative:
Time Collected: 9:40:00 AM
Time Received: 7:00:00 AM
Temperature:
Lab No.: J0708483
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	15134 ppm	N/A	6010/E200.7
08/09/07	Antimony	0.989 ppm	N/A	6010/E200.7
08/09/07	Arsenic	2.9 ppm	N/A	6010/E200.7
08/09/07	Barium	80.3 ppm	N/A	6010/E200.7
08/09/07	Beryllium	0.377 ppm	N/A	6010/E200.7
08/09/07	Cadmium	1.42 ppm	N/A	6010/E200.7
08/09/07	Calcium	2278 ppm	N/A	6010/E200.7
08/09/07	Chromium	25.5 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	25.5 ppm	N/A	6010/E200.7
08/09/07	Cobalt	13.5 ppm	N/A	6010/E200.7
08/09/07	Copper	29.1 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	23973 ppm	N/A	6010/E200.7
08/09/07	Lead	23.3 ppm	N/A	6010/E200.7
08/09/07	Magnesium	5881 ppm	N/A	6010/E200.7
08/09/07	Manganese	288 ppm	N/A	6010/E200.7

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State: NY **Zip:** 11716
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Collector's Information: **JMS ID:** 059803
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-16

Site: 4-5'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708483

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	23.8 ppm	N/A	6010/E200.7
08/09/07	Potassium	3434 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	137 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	43.6 ppm	N/A	6010/E200.7
08/09/07	Zinc	68.5 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	1,1,1,2-tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,1-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2,2-Tetrachloroethane	<5 ppb		EPA 8260
08/09/07	1,1,2-Trichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,1-Dichloroethene	<5 ppb		EPA 8260
08/09/07	1,1-Dichloropropene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,3-Trichloropropane	<5 ppb		EPA 8260
08/09/07	1,2,4,5-tetramethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2,4-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dibromo-3-Chloropropane	<5 ppb		EPA 8260
08/09/07	1,2-Dibromoethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,2-Dichloroethane	<5 ppb		EPA 8260
08/09/07	1,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3,5-Trimethylbenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropane	<5 ppb		EPA 8260
08/09/07	1,3-Dichloropropene(cis and tran	<5 ppb		EPA 8260
08/09/07	1,4-Dichlorobenzene	<5 ppb		EPA 8260
08/09/07	1,4-dioxane	<5 ppb		EPA 8260
08/09/07	2,2-Dichloropropane	<5 ppb		EPA 8260
08/09/07	2-Butanone (MEK)	<5 ppb		EPA 8260
08/09/07	2-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	2-Hexanone	<5 ppb		EPA 8260
08/09/07	4-Chlorotoluene	<5 ppb		EPA 8260
08/09/07	Acetone	<5 ppb		EPA 8260
08/09/07	Acrylonitrile	<5 ppb		EPA 8260
08/09/07	Benzene	<5 ppb		EPA 8260

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Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Bromobenzene	<5 ppb		EPA 8260
08/09/07	Bromochloromethane	<5 ppb		EPA 8260
08/09/07	Bromodichloromethane	<5 ppb		EPA 8260
08/09/07	Bromoform	<5 ppb		EPA 8260
08/09/07	Bromomethane	<5 ppb		EPA 8260
08/09/07	Carbon disulfide	<5 ppb		EPA 8260
08/09/07	Carbon tetrachloride	<5 ppb		EPA 8260
08/09/07	Chlorobenzene	<5 ppb		EPA 8260
08/09/07	Chlorodibromomethane	<5 ppb		EPA 8260
08/09/07	Chloroethane	<5 ppb		EPA 8260
08/09/07	Chloroform	<5 ppb		EPA 8260
08/09/07	Chloromethane	<5 ppb		EPA 8260
08/09/07	cis-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	cis-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Dibromoethane	<5 ppb		EPA 8260
08/09/07	Dichlorodifluoromethane	<5 ppb		EPA 8260
08/09/07	Ethylbenzene	<5 ppb		EPA 8260
08/09/07	Freon 113	<5 ppb		EPA 8260
08/09/07	Isopropylbenzene	<5 ppb		EPA 8260
08/09/07	Methyl isobutyl ketone (MIBK)	<5 ppb		EPA 8260
08/09/07	Methylene Chloride	<5 ppb		EPA 8260
08/09/07	Methyl-tert-butyl-ether	<5 ppb		EPA 8260
08/09/07	n-Butylbenzene	<5 ppb		EPA 8260
08/09/07	n-Propylbenzene	<5 ppb		EPA 8260
08/09/07	p-Diethylbenzene	<5 ppb		EPA 8260
08/09/07	p-Ethyltoluene	<5 ppb		EPA 8260
08/09/07	p-Isopropyltoluene	<5 ppb		EPA 8260
08/09/07	sec-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Styrene	<5 ppb		EPA 8260
08/09/07	tert-Butylbenzene	<5 ppb		EPA 8260
08/09/07	Tetrachloroethene	<5 ppb		EPA 8260

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
Danbury, Connecticut 06810 | Telephone 203-798-2229

Impact Environmental: 07-132.1

Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Toluene	<5 ppb		EPA 8260
08/09/07	Total Xylenes	<5 ppb		EPA 8260
08/09/07	trans-1,2-Dichloroethene	<5 ppb		EPA 8260
08/09/07	trans-1,3-Dichloropropene	<5 ppb		EPA 8260
08/09/07	Trichloroethene	<5 ppb		EPA 8260
08/09/07	Trichlorofluoromethane	<5 ppb		EPA 8260
08/09/07	Vinyl Acetate	<5 ppb		EPA 8260
08/09/07	Vinyl chloride	<5 ppb		EPA 8260
08/09/07	2,4,5-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4,6-Trichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dichlorophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dimethylphenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrophenol	<330 ppb		EPA 8270
08/09/07	2,4-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2,6-Dinitrotoluene	<330 ppb		EPA 8270
08/09/07	2-Chloronaphthalene	<330 ppb		EPA 8270
08/09/07	2-Chlorophenol	<330 ppb		EPA 8270
08/09/07	2-Methylnaphthalene	<330 ppb		EPA 8270
08/09/07	2-Methylphenol (o-Cresol)	<330 ppb		EPA 8270
08/09/07	2-Nitroaniline	<330 ppb		EPA 8270
08/09/07	2-Nitrophenol	<330 ppb		EPA 8270
08/09/07	3,3'-Dichlorobenzidine	<330 ppb		EPA 8270
08/09/07	3-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4,6-Dinitro-2-methylphenol	<330 ppb		EPA 8270
08/09/07	4-Bromophenyl Phenyl Ether	<330 ppb		EPA 8270
08/09/07	4-Chloro-3-Methylphenol	<330 ppb		EPA 8270
08/09/07	4-Chloroaniline	<330 ppb		EPA 8270
08/09/07	4-Chlorophenyl Phenylether	<330 ppb		EPA 8270
08/09/07	4-Methylphenol (p-Cresol)	<330 ppb		EPA 8270
08/09/07	4-Nitroaniline	<330 ppb		EPA 8270
08/09/07	4-Nitrophenol	<330 ppb		EPA 8270

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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Acenaphthene	<330 ppb		EPA 8270
08/09/07	Acenaphthylene	<330 ppb		EPA 8270
08/09/07	Aniline	<330 ppb		EPA 8270
08/09/07	Anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)anthracene	<330 ppb		EPA 8270
08/09/07	Benzo(a)pyrene	<330 ppb		EPA 8270
08/09/07	Benzo(b)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzo(g,h,i)perylene	<330 ppb		EPA 8270
08/09/07	Benzo(k)fluoranthene	<330 ppb		EPA 8270
08/09/07	Benzyl Alcohol	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethoxy)methane	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroethyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-Chloroisopropyl) ether	<330 ppb		EPA 8270
08/09/07	bis(2-ethylhexyl)phthalate	<330 ppb		EPA 8270
08/09/07	Butyl Benzyl Phthalate	<330 ppb		EPA 8270
08/09/07	Chrysene	<330 ppb		EPA 8270
08/09/07	Dibenz(a,h)anthracene	<330 ppb		EPA 8270
08/09/07	Dibenzofuran	<330 ppb		EPA 8270
08/09/07	Diethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Dimethyl Phthalate	<330 ppb		EPA 8270
08/09/07	Di-N-Butylyphthalate	<330 ppb		EPA 8270
08/09/07	Dinitrotoluene(2,4-/2,6-)	<330 ppb		EPA 8270
08/09/07	Di-n-octyl phthalate	<330 ppb		EPA 8270
08/09/07	Fluoranthene	<330 ppb		EPA 8270
08/09/07	Fluorene	<330 ppb		EPA 8270
08/09/07	Hexachlorobenzene	<330 ppb		EPA 8270
08/09/07	Hexachlorocyclopentadiene	<330 ppb		EPA 8270
08/09/07	Hexachlorobutadiene	<5 ppb		EPA 8260
08/09/07	Hexachloroethane	<330 ppb		EPA 8270
08/09/07	Indeno(1,2,3-cd)pyrene	<330 ppb		EPA 8270
08/09/07	Isophorone	<330 ppb		EPA 8270

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State: NY **Zip:** 11716
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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	m-Cresol	<330 ppb		EPA 8270
08/09/07	Naphthalene	<330 ppb		EPA 8270
08/09/07	Nitrobenzene	<330 ppb		EPA 8270
08/09/07	n-Nitrosodi-n-propylamine	<330 ppb		EPA 8270
08/09/07	n-Nitrosodiphenylamine	<330 ppb		EPA 8270
08/09/07	Pentachlorophenol	<330 ppb		EPA 8270
08/09/07	Phenanthrene	<330 ppb		EPA 8270
08/09/07	Phenols	<330 ppb		EPA 8270
08/09/07	Pyrene	<330 ppb		EPA 8270
08/09/07	2,4,5-T	<20 ppb		EPA 8151
08/09/07	2,4,5-TP Azcid (Silvex)	<20 ppb		SW 8151A
08/09/07	2,4-D	<100 ppb		EPA 8151
08/09/07	2,4-DB	<100 ppb		EPA 8151
08/09/07	4,4'-DDD	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDE	<2 ppb	N/A	EPA 8081
08/09/07	4,4'-DDT	<2 ppb	N/A	EPA 8081
08/09/07	Aldrin	<2 ppb	N/A	EPA 8081
08/09/07	a-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Arochlor 1016	<50 ppb		SW 8082
08/09/07	Arochlor 1221	<50 ppb		SW 8082
08/09/07	Arochlor 1232	<50 ppb		SW 8082
08/09/07	Arochlor 1242	<50 ppb		SW 8082
08/09/07	Arochlor 1248	<50 ppb		SW 8082
08/09/07	Arochlor 1254	<50 ppb		SW 8082
08/09/07	Arochlor 1260	<50 ppb		SW 8082
08/09/07	b-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Chlordane, alpha	<2 ppb	N/A	EPA 8081
08/09/07	d-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Dicamba	<30 ppb		EPA 8151
08/09/07	Dieldrin	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan	<2 ppb	N/A	EPA 8081

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059804

Sample's Information: **Sample ID:** SP-18

Site: 6-7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708484

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Endosulfan I	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan II	<2 ppb	N/A	EPA 8081
08/09/07	Endosulfan Sulfate	<2 ppb	N/A	EPA 8081
08/09/07	Endrin	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Aldehyde	<2 ppb	N/A	EPA 8081
08/09/07	Endrin Ketone	<2 ppb	N/A	EPA 8081
08/09/07	g-BHC	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor	<2 ppb	N/A	EPA 8081
08/09/07	Heptachlor epoxide	<2 ppb	N/A	EPA 8081
08/09/07	Methoxychlor	<2 ppb	N/A	EPA 8081
08/09/07	Mitotane	<2 ppb	N/A	EPA 8081
08/09/07	Parathion	<30 ppb	N/A	EPA 8081
08/09/07	Polychlorinated biphenyls (PCBs	<50 ppb		SW 8082
08/09/07	Toxaphene	<100 ppb	N/A	EPA 8081
08/09/07	Aluminum	4151 ppm	N/A	6010/E200.7
08/09/07	Antimony	<0.05 ppm	N/A	6010/E200.7
08/09/07	Arsenic	<0.05 ppm	N/A	6010/E200.7
08/09/07	Barium	36.8 ppm	N/A	6010/E200.7
08/09/07	Beryllium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Cadmium	0.09 ppm	N/A	6010/E200.7
08/09/07	Calcium	1987 ppm	N/A	6010/E200.7
08/09/07	Chromium	19.6 ppm	N/A	6010/E200.7
08/09/07	Chromium Hexavalent	<0.52 ppm	N/A	6010/E200.7
08/09/07	Chromium, Trivalent	19.6 ppm	N/A	6010/E200.7
08/09/07	Cobalt	7.96 ppm	N/A	6010/E200.7
08/09/07	Copper	32.8 ppm	N/A	6010/E200.7
08/09/07	Cyanide	<0.2 ppm	0.2 ppm	9010/335.3
08/09/07	Iron	13569 ppm	N/A	6010/E200.7
08/09/07	Lead	21.5 ppm	N/A	6010/E200.7
08/09/07	Magnesium	1547 ppm	N/A	6010/E200.7
08/09/07	Manganese	174 ppm	N/A	6010/E200.7

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Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
City: Bohemia
State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information: **JMS ID:** 059804
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

Sample's Information: **Sample ID:** SP-18

Site: 6-7' **Date Collected:** 8/7/2007 **Date Received:** 8/8/2007
Preservative: **Time Collected:** 9:40:00 AM **Time Received:** 7:00:00 AM
Temperature: **Lab No.:** J0708484
Matrix: Soil

Date Analyzed	Test Name	Result	MCL	Method
08/09/07	Mercury (inorganic salts)	<0.5 ppm	N/A	7470/E245.1
08/09/07	Mercury	<0.5 ppm	N/A	7470/E245.1
08/09/07	Nickel	8.54 ppm	N/A	6010/E200.7
08/09/07	Potassium	1105 ppm	N/A	6010/E200.7
08/09/07	Selenium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Silver	<0.05 ppm	N/A	6010/E200.7
08/09/07	Sodium	147 ppm	N/A	6010/E200.7
08/09/07	Thallium	<0.05 ppm	N/A	6010/E200.7
08/09/07	Vanadium	24.9 ppm	N/A	6010/E200.7
08/09/07	Zinc	63.8 ppm	N/A	6010/E200.7

MCL = Maximum Contaminant Level **N/A = Not Applicable** **ppb = parts per billion**
ppm = parts per million

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715 Ref Lab: 11301,

JMS Environmental Services, Inc.
WATER, SOIL AND AIR ANALYSIS
41 Kenosia Avenue
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Mailing Information:
Name: Impact Environmental
Address: 170 Keyland Ct
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State: NY **Zip:** 11716
Phone: (631) 269-8800 **Fax:** (631) 269-1599

Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059805

Sample's Information: **Sample ID:** SP-19

Site: 12-13'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708485

Date Analyzed	Test Name	Result	Method
08/08/07	1,2,4-Trimethylbenzene	593 ppb	8260
08/08/07	1,3,5-Trimethylbenzene	257 ppb	8260
08/08/07	Benzene	<5 ppb	8260
08/08/07	Ethylbenzene	49 ppb	8260
08/08/07	Isopropylbenzene	116 ppb	8260
08/08/07	m&p xylene	539 ppb	8260
08/08/07	MTBE	<5 ppb	8260
08/08/07	Naphthalene	126 ppb	8260
08/08/07	n-Butylbenzene	127 ppb	8260
08/08/07	n-Propylbenzene	198 ppb	8260
08/08/07	o-Xylene	<5 ppb	8260
08/08/07	p-Isoproplytoluene	47 ppb	8260
08/08/07	sec-Butylbenzene	48 ppb	8260
08/08/07	tert-Butylbenzene	<5 ppb	8260
08/08/07	Toluene	<5 ppb	8260
08/08/07	Total Xylenes	539 ppb	8260

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059806

Sample's Information: **Sample ID:** SP-20

Site: 8'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708486

Date Analyzed	Test Name	Result	Method
08/08/07	1,2,4-Trimethylbenzene	58 ppb	8260
08/08/07	1,3,5-Trimethylbenzene	22.5 ppb	8260
08/08/07	Benzene	<5 ppb	8260
08/08/07	Ethylbenzene	<5 ppb	8260
08/08/07	Isopropylbenzene	<5 ppb	8260
08/08/07	m&p xylene	36 ppb	8260
08/08/07	MTBE	<5 ppb	8260
08/08/07	Naphthalene	15.8 ppb	8260
08/08/07	n-Butylbenzene	<5 ppb	8260
08/08/07	n-Propylbenzene	18 ppb	8260
08/08/07	o-Xylene	<5 ppb	8260
08/08/07	p-Isoproplytoluene	<5 ppb	8260
08/08/07	sec-Butylbenzene	5.53 ppb	8260
08/08/07	tert-Butylbenzene	<5 ppb	8260
08/08/07	Toluene	<5 ppb	8260
08/08/07	Total Xylenes	36 ppb	8260

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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State: NY **Zip:** 11716
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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059807

Sample's Information: **Sample ID:** SP-21

Site: 7'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708487

Date Analyzed	Test Name	Result	Method
08/08/07	1,2,4-Trimethylbenzene	<5 ppb	8260
08/08/07	1,3,5-Trimethylbenzene	<5 ppb	8260
08/08/07	Benzene	<5 ppb	8260
08/08/07	Ethylbenzene	<5 ppb	8260
08/08/07	Isopropylbenzene	<5 ppb	8260
08/08/07	m&p xylene	<5 ppb	8260
08/08/07	MTBE	<5 ppb	8260
08/08/07	Naphthalene	<5 ppb	8260
08/08/07	n-Butylbenzene	<5 ppb	8260
08/08/07	n-Propylbenzene	<5 ppb	8260
08/08/07	o-Xylene	<5 ppb	8260
08/08/07	p-Isoproplytoluene	<5 ppb	8260
08/08/07	sec-Butylbenzene	<5 ppb	8260
08/08/07	tert-Butylbenzene	<5 ppb	8260
08/08/07	Toluene	<5 ppb	8260
08/08/07	Total Xylenes	<5 ppb	8260

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

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Collector's Information:
Name: C O'Leary
Address of site: 1544 Boone Ave
City: Bronx
State: NY **Zip:**
Phone:

JMS ID: 059808

Sample's Information: **Sample ID:** SP-22

Site: 8-9'
Preservative:
Temperature:
Matrix: Soil

Date Collected: 8/7/2007
Time Collected: 9:40:00 AM

Date Received: 8/8/2007
Time Received: 7:00:00 AM
Lab No.: J0708488

Date Analyzed	Test Name	Result	Method
08/10/07	1,2,4-Trimethylbenzene	<5 ppb	8260
08/10/07	1,3,5-Trimethylbenzene	<5 ppb	8260
08/10/07	Benzene	<5 ppb	8260
08/10/07	Ethylbenzene	59406 ppb	8260
08/10/07	Isopropylbenzene	<5 ppb	8260
08/10/07	m&p xylene	206749 ppb	8260
08/10/07	MTBE	<5 ppb	8260
08/10/07	Naphthalene	15756 ppb	8260
08/10/07	n-Butylbenzene	<5 ppb	8260
08/10/07	n-Propylbenzene	13669 ppb	8260
08/10/07	o-Xylene	103410 ppb	8260
08/10/07	p-Isoproplytoluene	4269 ppb	8260
08/10/07	sec-Butylbenzene	<5 ppb	8260
08/10/07	tert-Butylbenzene	<5 ppb	8260
08/10/07	Toluene	3866 ppb	8260
08/10/07	Total Xylenes	310159 ppb	8260

ppb = parts per billion

Signature: Michael Lapman
Michael Lapman
President

Reviewed By: Sharon Houlahan
Sharon Houlahan, Director

State #: PH-0218 ELAP #: 11715

APPENDIX – C

Soil Boring Logs

Impact Environmental Soil Boring Log		Probe Code:	SB-1
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt	Black	N/A	
0.5-2.0	Med-Coarse Sand w/ trace stone fragments	Light Brown	0.1	
2.0-4.0	Med-Coarse Sand w/ Rock Fragments	Brown	0.1	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-2
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-2.0	Concrete Slab	N/A	N/A	
2.0-4.0	Med Sand w/ fine rock fragments, decomposed rock , metal and glass fragments	Brown	0.1	
End of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-3
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt	Black	N/A	
0.5-1.9	Coarse sand with decomposed rock	Light Brown	0.0	
Refusal @ 1.9'				

Impact Environmental Soil Boring Log		Probe Code:	SB-4
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt and concrete cover	Black	N/A	
0.5-1.0	Fill - med sand with brick, concrete fragments	Brown	1.3	
1.0-2.5	Med sand with brick and concrete fragments	Light Brown	0.4	
2.5-4.0	Fine silty sand with trace gravel	Light Brown	0.2	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-5
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/26/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-3.0	Med silty sand with brick and concrete fragments	Brown	0.2	
3.0-4.0	Med to Fine Sand w/ decomposed rock	Brown	0.1	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-6
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt/Crushed Stone	Black	N/A	
0.5-2.0	Fine Silty Sand	Brown	0.1	
2.0-4.0	Med Sand w/ Rock Fragments	Brown	0.0	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-7
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt	Black	N/A	
0.5-2.0	Med-fine sand with rock fragments	Light Brown	0.1	
2.0-4.0	Fine sand with some decomposed rock	Light Brown	0.0	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-8
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt, asphalt fragments w/ slag	Black	N/A	
0.5-2.0	Silty fine sand with brick fragments and trace gravel	Brown	0.1	
2.0-4.0	Silty fine sand with trace gravel and decomposed rock	Light Brown	0.0	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-9
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt	Black	N/A	
0.5-2.0	Med sand with decomposed rock and concrete fragments	Brown/ Gray	0.0	
2.0-2.8	Decomposed gray rock fragments, trace course sand	Gray	0.0	
Refusal @ 2.8'				

Impact Environmental Soil Boring Log		Probe Code:	SB-10
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt/Crushed Stone	Black	N/A	
0.5-2.0	Med to Fine Sand w/ rock fragments and gravel	Light Brown/ Gray	0.1	
2.0-4.0	Med to Fine Sand w/ rock fragments and gravel	Brown	0.0	
End Of Boring				

Impact Environmental Soil Boring Log		Probe Code:	SB-11
Site Location:	1544 Boone Avenue, Bronx NY	**Installer:**	Soil Mechanics
Job Number:	7191-01-04-4001	**Installation Method:**	Hollow Stem Auger
Client:	Monadnock	**Installation Date:**	9/18/2014
Location Description:		**Geologist:**	BH

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0-0.5	Asphalt	Black	N/A	
0.5-2.0	Med sand w/ brick, concrete, stone fragments	Brown	0.8	
2.7-3.0	Concrete Slab	N/A	N/A	
3.0-3.25	Med-Coarse sand with concrete fragments	Dark Brown	1.4	
3.25-4.0	Fine-med silty sand with rock fragments	Brown	1.1	
End Of Boring				

APPENDIX – D

Soil Vapor Logs

IMPACT ENVIRONMENTAL 1000 Page Ave | Lyndhurst | NJ | 07071 | 201.268.5686
welcome to solid ground… *www.impactenvironmental.com*

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-1

Canister Record:

Canister ID: 1036
Flow regulator ID: 0591
Sample duration: 2-Hours
Sampling rate: 39.8 L/min

Sample ID: SV-1
Date/Time start: 10/13/14, 10:20 AM
Date/Time end: 10/13/14, 12:27 PM

Regulator: 2-HR
Start pressure: -30.21 in.Hg
End pressure: -4.15 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 1.3 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-2

Canister Record:

Canister ID: 1843
Flow regulator ID: 0656
Sample duration: 2-Hours
Sampling rate: 40.0 L/min

Sample ID: SV-2
Date/Time start: 10/13/14, 10:36 AM
Date/Time end: 10/13/14, 12:57 PM

Regulator: 2-HR
Start pressure: -29.54 in.Hg
End pressure: -4.21 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 0.5 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-3

Canister Record:

Canister ID: 1667
Flow regulator ID: 0554
Sample duration: 2-Hours
Sampling rate: 37.0 L/min

Sample ID: SV-3
Date/Time start: 10/13/14, 10:03 AM
Date/Time end: 10/13/14, 12:22 PM

Regulator: 2-HR
Start pressure: -29.84 in.Hg
End pressure: -3.15 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 0.7 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-4

Canister Record:

Canister ID: 1657
Flow regulator ID: 0283
Sample duration: 2-Hours
Sampling rate: 38.5 L/min

Sample ID: SV-4
Date/Time start: 10/13/14, 9:48 AM
Date/Time end: 10/13/14, 11:51 PM

Regulator: 2-HR
Start pressure: -29.24 in.Hg
End pressure: -4.07 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 28.7 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-5

Canister Record:

Canister ID: 1606
Flow regulator ID: 0042
Sample duration: 2-Hours
Sampling rate: 39.2 L/min

Sample ID: SV-5
Date/Time start: 10/13/14, 9:14 AM
Date/Time end: 10/13/14, 11:19 PM

Regulator: 2-HR
Start pressure: -29.76 in.Hg
End pressure: -4.79 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 0.5 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-6

Canister Record:

Canister ID: 902
Flow regulator ID: 0579
Sample duration: 2-Hours
Sampling rate: 38.0 L/min

Sample ID: SV-6
Date/Time start: 10/13/14, 9:38 AM
Date/Time end: 10/13/14, 11:46 PM

Regulator: 2-HR
Start pressure: -30.02 in.Hg
End pressure: -4.62 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 1011 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-7

Canister Record:

Canister ID: 1549
Flow regulator ID: 0352
Sample duration: 2-Hours
Sampling rate: 35.3 L/min

Sample ID: SV-7
Date/Time start: 10/13/14, 9:28 AM
Date/Time end: 10/13/14, 11:37 PM

Regulator: 2-HR
Start pressure: -30.17 in.Hg
End pressure: -4.80 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 48.6 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

Air/Soil Gas Sampling Form

Project #: 7191-01-04-4001 Date: October 13, 2014

Project Name: 1544 Boone Avenue Investigator: B. Hernandez Salazar

Type of Sample:

Soil Gas

Sample Location:

SV-8

Canister Record:

Canister ID: 1989
Flow regulator ID: 0090
Sample duration: 2-Hours
Sampling rate: 40.0 L/min

Sample ID: SV-8
Date/Time start: 10/13/14, 10:57 AM
Date/Time end: 10/13/14, 11:55 PM

Regulator: 2-HR
Start pressure: -29.75 in.Hg
End pressure: -3.17 in.Hg

Air temperature (°F): 62
Barometric pressure: 30.35 in.
PID reading (ppm): 265.4 ppm

PID Meter: MiniRae 3000
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.50 ft
Ground surface type: Asphalt
Room: Parking area
Story/level: Outdoor grade level
Intake depth below floor (ft.): 5 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged 3 Volumes.

APPENDIX – E

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L1421851
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	7194-01-04-4001
Project Number:	7194-01-04-4001
Report Date:	09/29/14

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1421851-01	SB-1 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:00	09/18/14
L1421851-02	SB-1 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:00	09/18/14
L1421851-03	SB-2 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:45	09/18/14
L1421851-04	SB-3 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:45	09/18/14
L1421851-05	SB-4 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 13:30	09/18/14
L1421851-06	SB-4 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 13:30	09/18/14
L1421851-07	SB-6 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:30	09/18/14
L1421851-08	SB-6 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 09:30	09/18/14
L1421851-09	SB-7 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 11:30	09/18/14
L1421851-10	SB-7 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 11:30	09/18/14
L1421851-11	SB-8 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 11:00	09/18/14
L1421851-12	SB-8 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 11:00	09/18/14
L1421851-13	SB-9 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 10:30	09/18/14
L1421851-14	SB-9 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 10:30	09/18/14
L1421851-15	SB-10 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 10:00	09/18/14
L1421851-16	SB-10 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 10:00	09/18/14
L1421851-17	SB-11 (0-2)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 12:00	09/18/14
L1421851-18	SB-11 (2-4)	SOIL	1544 BOONE AVE., BRONX, NY	09/18/14 12:00	09/18/14

Project Name: 7194-01-04-4001 **Lab Number:** L1421851
Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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: 7194-01-04-4001 **Lab Number:** L1421851
Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

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.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L1421851-03, -05, and -08 have elevated detection limits due to the dilutions required by the sample matrices.

Total Metals

The WG723437-4 MS recovery, performed on L1421851-01, is outside the acceptance criteria for mercury (122%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG723635-2 LCS recovery (134%), associated with L1421851-01 through -08, 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: Kelly Stenstrom

Title: Technical Director/Representative Date: 09/29/14

ORGANICS

VOLATILES

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-01	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/23/14 21:38		
Analyst:	PP		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.21	1
o-Xylene	ND		ug/kg	2.2	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	78		ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.14	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-01 Date Collected: 09/18/14 09:00

Client ID: SB-1 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-02	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/23/14 22:03		
Analyst:	PP		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.12	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	50		ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-02 Date Collected: 09/18/14 09:00

Client ID: SB-1 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	110	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-03	Date Collected:	09/18/14 09:45
Client ID:	SB-2 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/23/14 22:29		
Analyst:	PP		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	73		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-03 Date Collected: 09/18/14 09:45

Client ID: SB-2 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-04	Date Collected:	09/18/14 09:45
Client ID:	SB-3 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/23/14 22:54		
Analyst:	PP		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.20	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	86		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.2	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-04 Date Collected: 09/18/14 09:45

Client ID: SB-3 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	113		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-05	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/23/14 23:19		
Analyst:	PP		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.22	1
o-Xylene	ND		ug/kg	2.3	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Acetone	190		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-05 Date Collected: 09/18/14 13:30

Client ID: SB-4 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-06	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 14:40		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Acetone	ND		ug/kg	12	1.2	1
2-Butanone	ND		ug/kg	12	0.31	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-06 Date Collected: 09/18/14 13:30

Client ID: SB-4 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
1,4-Dioxane	ND		ug/kg	120	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 15:07		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.22	1
o-Xylene	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Acetone	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-07 Date Collected: 09/18/14 09:30

Client ID: SB-6 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-08	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 15:33		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.21	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	ND		ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-08 Date Collected: 09/18/14 09:30

Client ID: SB-6 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-09	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 16:00		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-09 Date Collected: 09/18/14 11:30

Client ID: SB-7 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-10	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 16:27		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	4.1	J	ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-10 Date Collected: 09/18/14 11:30

Client ID: SB-7 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-11	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 01:50		
Analyst:	PP		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.23	1
o-Xylene	ND		ug/kg	2.4	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Acetone	8.2	J	ug/kg	12	1.2	1
2-Butanone	ND		ug/kg	12	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.9	0.16	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-11 Date Collected: 09/18/14 11:00

Client ID: SB-8 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**136**	Q	70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	117		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 02:15		
Analyst:	PP		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.22	1
o-Xylene	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Acetone	8.9	J	ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-12 Date Collected: 09/18/14 11:00

Client ID: SB-8 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**135**	Q	70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	119		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-13	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 02:40		
Analyst:	PP		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.21	1
o-Xylene	ND		ug/kg	2.2	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	8.0	J	ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-13 Date Collected: 09/18/14 10:30

Client ID: SB-9 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**135**	Q	70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	119		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 03:05		
Analyst:	PP		
Percent Solids:	98%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	8.2	J	ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.1	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-14 Date Collected: 09/18/14 10:30

Client ID: SB-9 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.14	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**138**	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	118		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-15	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 16:53		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.2	0.14	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-15 Date Collected: 09/18/14 10:00

Client ID: SB-10 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-16	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 03:56		
Analyst:	PP		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.12	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	5.1	J	ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-16 Date Collected: 09/18/14 10:00

Client ID: SB-10 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	110	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**139**	Q	70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	118		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 17:20		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Acetone	13		ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.5	0.15	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-17 Date Collected: 09/18/14 12:00

Client ID: SB-11 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-18	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/14 04:46		
Analyst:	PP		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Acetone	8.4	J	ug/kg	11	1.1	1
2-Butanone	ND		ug/kg	11	0.29	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.14	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-18 Date Collected: 09/18/14 12:00

Client ID: SB-11 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**144**	Q	70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	122		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/23/14 21:13
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,11-14,16,18 Batch: WG724808-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.25	J	ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Vinyl chloride	ND		ug/kg	2.0	0.12
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	0.33	J	ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Acetone	4.0	J	ug/kg	10	1.0
2-Butanone	ND		ug/kg	10	0.27
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/23/14 21:13
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,11-14,16,18 Batch: WG724808-3					
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	98		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/24/14 08:30
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-10,15,17 Batch: WG725240-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Vinyl chloride	ND		ug/kg	2.0	0.12
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	0.32	J	ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Acetone	ND		ug/kg	10	1.0
2-Butanone	ND		ug/kg	10	0.27
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/24/14 08:30
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-10,15,17 Batch: WG725240-3					
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,11-14,16,18 Batch: WG724808-1 WG724808-2								
Methylene chloride	100		101		70-130	1		30
1,1-Dichloroethane	102		103		70-130	1		30
Chloroform	110		112		70-130	2		30
Carbon tetrachloride	120		122		70-130	2		30
1,2-Dichloropropane	94		98		70-130	4		30
Dibromochloromethane	102		103		70-130	1		30
2-Chloroethylvinyl ether	93		95		70-130	2		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	116		118		70-139	2		30
1,2-Dichloroethane	110		112		70-130	2		30
1,1,1-Trichloroethane	116		118		70-130	2		30
Bromodichloromethane	107		110		70-130	3		30
trans-1,3-Dichloropropene	98		100		70-130	2		30
cis-1,3-Dichloropropene	102		104		70-130	2		30
1,1-Dichloropropene	108		108		70-130	0		30
Bromoform	91		92		70-130	1		30
1,1,2,2-Tetrachloroethane	87		88		70-130	1		30
Benzene	100		102		70-130	2		30
Toluene	94		94		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,11-14,16,18 Batch: WG724808-1 WG724808-2								
Ethylbenzene	102		103		70-130	1		30
Chloromethane	85		86		52-130	1		30
Bromomethane	116		121		57-147	4		30
Vinyl chloride	104		106		67-130	2		30
Chloroethane	124		126		50-151	2		30
1,1-Dichloroethene	101		103		65-135	2		30
trans-1,2-Dichloroethene	100		102		70-130	2		30
Trichloroethene	109		111		70-130	2		30
1,2-Dichlorobenzene	96		98		70-130	2		30
1,3-Dichlorobenzene	98		100		70-130	2		30
1,4-Dichlorobenzene	96		97		70-130	1		30
Methyl tert butyl ether	100		102		66-130	2		30
p/m-Xylene	106		105		70-130	1		30
o-Xylene	104		104		70-130	0		30
cis-1,2-Dichloroethene	101		103		70-130	2		30
Dibromomethane	104		105		70-130	1		30
Styrene	107		108		70-130	1		30
Dichlorodifluoromethane	98		100		30-146	2		30
Acetone	104		102		54-140	2		30
Carbon disulfide	89		91		59-130	2		30
2-Butanone	101		102		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,11-14,16,18 Batch: WG724808-1 WG724808-2								
Vinyl acetate	98		99		70-130	1		30
4-Methyl-2-pentanone	92		91		70-130	1		30
1,2,3-Trichloropropane	92		94		68-130	2		30
2-Hexanone	80		79		70-130	1		30
Bromochloromethane	106		109		70-130	3		30
2,2-Dichloropropane	114		116		70-130	2		30
1,2-Dibromoethane	96		98		70-130	2		30
1,3-Dichloropropane	93		95		69-130	2		30
1,1,1,2-Tetrachloroethane	106		108		70-130	2		30
Bromobenzene	93		95		70-130	2		30
n-Butylbenzene	101		101		70-130	0		30
sec-Butylbenzene	100		100		70-130	0		30
tert-Butylbenzene	100		102		70-130	2		30
o-Chlorotoluene	98		99		70-130	1		30
p-Chlorotoluene	97		98		70-130	1		30
1,2-Dibromo-3-chloropropane	87		85		68-130	2		30
Hexachlorobutadiene	104		104		67-130	0		30
Isopropylbenzene	108		108		70-130	0		30
p-Isopropyltoluene	102		102		70-130	0		30
Naphthalene	88		89		70-130	1		30
Acrylonitrile	93		92		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,11-14,16,18 Batch: WG724808-1 WG724808-2								
Isopropyl Ether	95		97		66-130	2		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	98		98		70-130	0		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	99		99		70-130	0		30
1,3,5-Trimethylbenzene	100		101		70-130	1		30
1,2,4-Trimethylbenzene	100		101		70-130	1		30
Methyl Acetate	90		91		51-146	1		30
Ethyl Acetate	88		88		70-130	0		30
Acrolein	**132**	Q	111		70-130	17		30
Cyclohexane	96		99		59-142	3		30
1,4-Dioxane	89		92		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		105		50-139	1		30
1,4-Diethylbenzene	119		121		70-130	2		30
4-Ethyltoluene	117		119		70-130	2		30
1,2,4,5-Tetramethylbenzene	117		119		70-130	2		30
Tetrahydrofuran	89		91		66-130	2		30
Ethyl ether	95		96		67-130	1		30
trans-1,4-Dichloro-2-butene	90		90		70-130	0		30
Methyl cyclohexane	99		100		70-130	1		30
Ethyl-Tert-Butyl-Ether	101		104		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001
Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,11-14,16,18 Batch: WG724808-1 WG724808-2								
Tertiary-Amyl Methyl Ether	100		102		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	108		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,15,17 Batch: WG725240-1 WG725240-2								
Methylene chloride	117		130		70-130	11		30
1,1-Dichloroethane	114		111		70-130	3		30
Chloroform	117		113		70-130	3		30
Carbon tetrachloride	125		119		70-130	5		30
1,2-Dichloropropane	110		108		70-130	2		30
Dibromochloromethane	104		102		70-130	2		30
2-Chloroethylvinyl ether	88		86		70-130	2		30
1,1,2-Trichloroethane	98		96		70-130	2		30
Tetrachloroethene	109		105		70-130	4		30
Chlorobenzene	101		99		70-130	2		30
Trichlorofluoromethane	111		105		70-139	6		30
1,2-Dichloroethane	116		114		70-130	2		30
1,1,1-Trichloroethane	119		112		70-130	6		30
Bromodichloromethane	115		114		70-130	1		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	109		108		70-130	1		30
1,1-Dichloropropene	112		106		70-130	6		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	95		94		70-130	1		30
Benzene	111		107		70-130	4		30
Toluene	96		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,15,17 Batch: WG725240-1 WG725240-2								
Ethylbenzene	99		98		70-130	1		30
Chloromethane	94		92		52-130	2		30
Bromomethane	129		123		57-147	5		30
Vinyl chloride	100		96		67-130	4		30
Chloroethane	129		124		50-151	4		30
1,1-Dichloroethene	113		106		65-135	6		30
trans-1,2-Dichloroethene	110		107		70-130	3		30
Trichloroethene	116		112		70-130	4		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	100		99		70-130	1		30
Methyl tert butyl ether	98		98		66-130	0		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	108		106		70-130	2		30
Dibromomethane	110		108		70-130	2		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	85		80		30-146	6		30
Acetone	112		113		54-140	1		30
Carbon disulfide	108		102		59-130	6		30
2-Butanone	96		90		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,15,17 Batch: WG725240-1 WG725240-2								
Vinyl acetate	95		93		70-130	2		30
4-Methyl-2-pentanone	91		91		70-130	0		30
1,2,3-Trichloropropane	91		90		68-130	1		30
2-Hexanone	73		74		70-130	1		30
Bromochloromethane	111		112		70-130	1		30
2,2-Dichloropropane	119		114		70-130	4		30
1,2-Dibromoethane	95		93		70-130	2		30
1,3-Dichloropropane	95		93		69-130	2		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	95		95		70-130	0		30
n-Butylbenzene	102		100		70-130	2		30
sec-Butylbenzene	98		96		70-130	2		30
tert-Butylbenzene	94		92		70-130	2		30
o-Chlorotoluene	101		101		70-130	0		30
p-Chlorotoluene	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	90		88		68-130	2		30
Hexachlorobutadiene	122		119		67-130	2		30
Isopropylbenzene	92		90		70-130	2		30
p-Isopropyltoluene	97		95		70-130	2		30
Naphthalene	80		79		70-130	1		30
Acrylonitrile	105		102		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,15,17 Batch: WG725240-1 WG725240-2								
Isopropyl Ether	103		102		66-130	1		30
tert-Butyl Alcohol	96		95		70-130	1		30
n-Propylbenzene	97		95		70-130	2		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	106		105		70-130	1		30
1,3,5-Trimethylbenzene	95		94		70-130	1		30
1,2,4-Trimethylbenzene	94		94		70-130	0		30
Methyl Acetate	98		94		51-146	4		30
Ethyl Acetate	90		91		70-130	1		30
Cyclohexane	108		101		59-142	7		30
1,4-Dioxane	94		93		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		112		50-139	7		30
1,4-Diethylbenzene	96		95		70-130	1		30
4-Ethyltoluene	95		94		70-130	1		30
1,2,4,5-Tetramethylbenzene	89		89		70-130	0		30
Tetrahydrofuran	89		92		66-130	3		30
Ethyl ether	96		95		67-130	1		30
trans-1,4-Dichloro-2-butene	105		101		70-130	4		30
Methyl cyclohexane	106		98		70-130	8		30
Ethyl-Tert-Butyl-Ether	101		102		70-130	1		30
Tertiary-Amyl Methyl Ether	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1421851

Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,15,17 Batch: WG725240-1 WG725240-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	90		92		70-130
Dibromofluoromethane	108		106		70-130

SEMIVOLATILES

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-01	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 00:51		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Fluoranthene	ND		ug/kg	110	32.	1
Naphthalene	ND		ug/kg	180	59.	1
Benzo(a)anthracene	ND		ug/kg	110	35.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	ND		ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	ND		ug/kg	110	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	110	34.	1
Dibenzofuran	ND		ug/kg	180	59.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	57.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-01 Date Collected: 09/18/14 09:00

Client ID: SB-1 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	70		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-02	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 01:16		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	170	58.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	170	58.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-02 Date Collected: 09/18/14 09:00

Client ID: SB-1 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	89		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-03 D	Date Collected:	09/18/14 09:45
Client ID:	SB-2 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/25/14 12:25
Analytical Date:	09/25/14 23:38		
Analyst:	AS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	72.	2
Hexachlorobenzene	ND		ug/kg	210	65.	2
Fluoranthene	1100		ug/kg	210	64.	2
Naphthalene	ND		ug/kg	350	120	2
Benzo(a)anthracene	220		ug/kg	210	68.	2
Benzo(a)pyrene	320		ug/kg	280	85.	2
Benzo(b)fluoranthene	610		ug/kg	210	70.	2
Benzo(k)fluoranthene	250		ug/kg	210	66.	2
Chrysene	570		ug/kg	210	68.	2
Acenaphthylene	170	J	ug/kg	280	65.	2
Anthracene	64	J	ug/kg	210	58.	2
Benzo(ghi)perylene	290		ug/kg	280	72.	2
Fluorene	ND		ug/kg	350	100	2
Phenanthrene	940		ug/kg	210	68.	2
Dibenzo(a,h)anthracene	ND		ug/kg	210	67.	2
Indeno(1,2,3-cd)pyrene	300		ug/kg	280	77.	2
Pyrene	890		ug/kg	210	68.	2
Dibenzofuran	ND		ug/kg	350	120	2
Pentachlorophenol	ND		ug/kg	280	74.	2
Phenol	ND		ug/kg	350	100	2
2-Methylphenol	ND		ug/kg	350	110	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	110	2

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-03 D Date Collected: 09/18/14 09:45

Client ID: SB-2 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	50		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	56		0-136
4-Terphenyl-d14	59		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-04	Date Collected:	09/18/14 09:45
Client ID:	SB-3 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 02:07		
Analyst:	JB		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	31.	1
Naphthalene	ND		ug/kg	170	56.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	33	J	ug/kg	100	33.	1
Dibenzofuran	ND		ug/kg	170	57.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-04 Date Collected: 09/18/14 09:45

Client ID: SB-3 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	90		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	90		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-05 D	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 02:32		
Analyst:	JB		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	300	76.	2
Hexachlorobenzene	ND		ug/kg	220	69.	2
Fluoranthene	510		ug/kg	220	68.	2
Naphthalene	ND		ug/kg	370	120	2
Benzo(a)anthracene	300		ug/kg	220	72.	2
Benzo(a)pyrene	300		ug/kg	300	90.	2
Benzo(b)fluoranthene	380		ug/kg	220	75.	2
Benzo(k)fluoranthene	160	J	ug/kg	220	71.	2
Chrysene	320		ug/kg	220	73.	2
Acenaphthylene	92	J	ug/kg	300	69.	2
Anthracene	ND		ug/kg	220	62.	2
Benzo(ghi)perylene	240	J	ug/kg	300	77.	2
Fluorene	ND		ug/kg	370	110	2
Phenanthrene	210	J	ug/kg	220	72.	2
Dibenzo(a,h)anthracene	ND		ug/kg	220	72.	2
Indeno(1,2,3-cd)pyrene	240	J	ug/kg	300	82.	2
Pyrene	470		ug/kg	220	72.	2
Dibenzofuran	ND		ug/kg	370	120	2
Pentachlorophenol	ND		ug/kg	300	79.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	120	2

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-05 D Date Collected: 09/18/14 13:30

Client ID: SB-4 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	41		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	23		0-136
4-Terphenyl-d14	67		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-06	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 02:57		
Analyst:	JB		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Fluoranthene	41	J	ug/kg	110	35.	1
Naphthalene	ND		ug/kg	190	63.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	42.	1
Pyrene	39	J	ug/kg	110	37.	1
Dibenzofuran	ND		ug/kg	190	63.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-06 Date Collected: 09/18/14 13:30

Client ID: SB-4 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	83		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	87		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 09:08		
Analyst:	JB		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Fluoranthene	ND		ug/kg	110	34.	1
Naphthalene	ND		ug/kg	190	62.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	36.	1
Dibenzofuran	ND		ug/kg	190	62.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	55.	1
2-Methylphenol	ND		ug/kg	190	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE 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	34		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	31		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	63		0-136
4-Terphenyl-d14	63		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-08 D	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 03:22		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	74.	2
Hexachlorobenzene	ND		ug/kg	210	66.	2
Fluoranthene	ND		ug/kg	210	66.	2
Naphthalene	ND		ug/kg	360	120	2
Benzo(a)anthracene	ND		ug/kg	210	70.	2
Benzo(a)pyrene	ND		ug/kg	280	87.	2
Benzo(b)fluoranthene	ND		ug/kg	210	72.	2
Benzo(k)fluoranthene	ND		ug/kg	210	68.	2
Chrysene	ND		ug/kg	210	70.	2
Acenaphthylene	ND		ug/kg	280	67.	2
Anthracene	ND		ug/kg	210	59.	2
Benzo(ghi)perylene	ND		ug/kg	280	74.	2
Fluorene	ND		ug/kg	360	100	2
Phenanthrene	ND		ug/kg	210	70.	2
Dibenzo(a,h)anthracene	ND		ug/kg	210	69.	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	280	79.	2
Pyrene	ND		ug/kg	210	69.	2
Dibenzofuran	ND		ug/kg	360	120	2
Pentachlorophenol	ND		ug/kg	280	76.	2
Phenol	ND		ug/kg	360	100	2
2-Methylphenol	ND		ug/kg	360	110	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	510	120	2

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-08 D Date Collected: 09/18/14 09:30

Client ID: SB-6 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	79		0-136
4-Terphenyl-d14	79		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-09	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 03:48		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	31.	1
Naphthalene	ND		ug/kg	170	56.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Dibenzofuran	ND		ug/kg	170	57.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-09 Date Collected: 09/18/14 11:30

Client ID: SB-7 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	72		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	76		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-10	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 04:13		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	31.	1
Naphthalene	ND		ug/kg	170	57.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Dibenzofuran	ND		ug/kg	170	57.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-10 Date Collected: 09/18/14 11:30

Client ID: SB-7 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	87		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	87		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-11	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 04:38		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Fluoranthene	95	J	ug/kg	120	36.	1
Naphthalene	ND		ug/kg	200	65.	1
Benzo(a)anthracene	57	J	ug/kg	120	38.	1
Benzo(a)pyrene	59	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	76	J	ug/kg	120	40.	1
Benzo(k)fluoranthene	38	J	ug/kg	120	38.	1
Chrysene	61	J	ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	46	J	ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	160	44.	1
Pyrene	78	J	ug/kg	120	38.	1
Dibenzofuran	ND		ug/kg	200	66.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-11 Date Collected: 09/18/14 11:00

Client ID: SB-8 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	74		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		0-136
4-Terphenyl-d14	73		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 05:04		
Analyst:	JB		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	38.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Fluoranthene	ND		ug/kg	110	34.	1
Naphthalene	ND		ug/kg	180	61.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	37.	1
Benzo(k)fluoranthene	ND		ug/kg	110	35.	1
Chrysene	ND		ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	ND		ug/kg	150	38.	1
Fluorene	ND		ug/kg	180	53.	1
Phenanthrene	ND		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	41.	1
Pyrene	ND		ug/kg	110	36.	1
Dibenzofuran	ND		ug/kg	180	61.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE 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	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	72		0-136
4-Terphenyl-d14	70		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-13	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 05:29		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	33.	1
Fluoranthene	ND		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	180	58.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	34.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	180	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	180	59.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	52.	1
2-Methylphenol	ND		ug/kg	180	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	58.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-13 Date Collected: 09/18/14 10:30

Client ID: SB-9 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	68		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 05:54		
Analyst:	JB		
Percent Solids:	98%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	31.	1
Naphthalene	ND		ug/kg	170	56.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	48.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Dibenzofuran	ND		ug/kg	170	56.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE 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	54		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	53		0-136
4-Terphenyl-d14	49		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-15	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 06:20		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	170	57.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	170	58.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	56.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-15 Date Collected: 09/18/14 10:00

Client ID: SB-10 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	63		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	64		0-136
4-Terphenyl-d14	60		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-16	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 06:45		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	170	58.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	170	58.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-16 Date Collected: 09/18/14 10:00

Client ID: SB-10 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	80		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	81		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 07:10		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Hexachlorobenzene	ND		ug/kg	110	33.	1
Fluoranthene	150		ug/kg	110	33.	1
Naphthalene	ND		ug/kg	180	59.	1
Benzo(a)anthracene	87	J	ug/kg	110	35.	1
Benzo(a)pyrene	97	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	130		ug/kg	110	36.	1
Benzo(k)fluoranthene	41	J	ug/kg	110	34.	1
Chrysene	96	J	ug/kg	110	35.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	82	J	ug/kg	140	37.	1
Fluorene	ND		ug/kg	180	51.	1
Phenanthrene	68	J	ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)pyrene	77	J	ug/kg	140	40.	1
Pyrene	140		ug/kg	110	35.	1
Dibenzofuran	ND		ug/kg	180	60.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	53.	1
2-Methylphenol	ND		ug/kg	180	58.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	59.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE 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	74		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	51		0-136
4-Terphenyl-d14	73		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-18	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/14 02:57
Analytical Date:	09/21/14 07:36		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	ND		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	170	58.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	33.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	39.	1
Pyrene	ND		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	170	58.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-18 Date Collected: 09/18/14 12:00

Client ID: SB-11 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE 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	71		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	78		0-136
4-Terphenyl-d14	81		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/20/14 17:02
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 09/19/14 02:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-18 Batch: WG723435-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	99	31.
Fluoranthene	ND		ug/kg	99	30.
Naphthalene	ND		ug/kg	160	55.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	31.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	99	32.
Dibenzofuran	ND		ug/kg	160	55.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/20/14 17:02
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 09/19/14 02:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-18 Batch: WG723435-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	72		0-136
4-Terphenyl-d14	65		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/14 20:05
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 09/25/14 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG725270-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	100	31.
Fluoranthene	ND		ug/kg	100	30.
Naphthalene	ND		ug/kg	160	55.
Benzo(a)anthracene	ND		ug/kg	100	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	34.
Benzo(k)fluoranthene	ND		ug/kg	100	32.
Chrysene	ND		ug/kg	100	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	100	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	48.
Phenanthrene	ND		ug/kg	100	32.
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	100	32.
Dibenzofuran	ND		ug/kg	160	55.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/14 20:05
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 09/25/14 12:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG725270-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-18 Batch: WG723435-2 WG723435-3								
Acenaphthene	77		69		31-137	11		50
1,2,4-Trichlorobenzene	78		60		38-107	26		50
Hexachlorobenzene	74		76		40-140	3		50
Bis(2-chloroethyl)ether	70		55		40-140	24		50
2-Chloronaphthalene	77		62		40-140	22		50
1,2-Dichlorobenzene	71		58		40-140	20		50
1,3-Dichlorobenzene	70		57		40-140	20		50
1,4-Dichlorobenzene	71		56		28-104	24		50
3,3'-Dichlorobenzidine	44		57		40-140	26		50
2,4-Dinitrotoluene	78		79		28-89	1		50
2,6-Dinitrotoluene	74		76		40-140	3		50
Fluoranthene	76		79		40-140	4		50
4-Chlorophenyl phenyl ether	76		73		40-140	4		50
4-Bromophenyl phenyl ether	77		76		40-140	1		50
Bis(2-chloroisopropyl)ether	70		56		40-140	22		50
Bis(2-chloroethoxy)methane	69		55		40-117	23		50
Hexachlorobutadiene	80		59		40-140	30		50
Hexachlorocyclopentadiene	68		56		40-140	19		50
Hexachloroethane	74		60		40-140	21		50
Isophorone	69		55		40-140	23		50
Naphthalene	76		57		40-140	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-18 Batch: WG723435-2 WG723435-3								
Nitrobenzene	75		58		40-140	26		50
NitrosoDiPhenylAmine(NDPA)/DPA	76		78			3		50
n-Nitrosodi-n-propylamine	68		56		32-121	19		50
Bis(2-Ethylhexyl)phthalate	80		82		40-140	2		50
Butyl benzyl phthalate	72		77		40-140	7		50
Di-n-butylphthalate	77		80		40-140	4		50
Di-n-octylphthalate	80		83		40-140	4		50
Diethyl phthalate	76		80		40-140	5		50
Dimethyl phthalate	76		75		40-140	1		50
Benzo(a)anthracene	79		80		40-140	1		50
Benzo(a)pyrene	78		81		40-140	4		50
Benzo(b)fluoranthene	75		80		40-140	6		50
Benzo(k)fluoranthene	85		83		40-140	2		50
Chrysene	76		77		40-140	1		50
Acenaphthylene	75		67		40-140	11		50
Anthracene	78		79		40-140	1		50
Benzo(ghi)perylene	80		80		40-140	0		50
Fluorene	76		75		40-140	1		50
Phenanthrene	79		80		40-140	1		50
Dibenzo(a,h)anthracene	79		79		40-140	0		50
Indeno(1,2,3-cd)pyrene	84		84		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-18 Batch: WG723435-2 WG723435-3								
Pyrene	74		76		35-142	3		50
Biphenyl	90		72			22		50
4-Chloroaniline	75		68		40-140	10		50
2-Nitroaniline	77		81		47-134	5		50
3-Nitroaniline	58		68		26-129	16		50
4-Nitroaniline	70		72		41-125	3		50
Dibenzofuran	74		70		40-140	6		50
2-Methylnaphthalene	75		59		40-140	24		50
1,2,4,5-Tetrachlorobenzene	88		68		40-117	26		50
Acetophenone	89		71		14-144	23		50
2,4,6-Trichlorophenol	80		75		30-130	6		50
P-Chloro-M-Cresol	83		79		26-103	5		50
2-Chlorophenol	78		62		25-102	23		50
2,4-Dichlorophenol	87		70		30-130	22		50
2,4-Dimethylphenol	79		66		30-130	18		50
2-Nitrophenol	73		59		30-130	21		50
4-Nitrophenol	78		87		11-114	11		50
2,4-Dinitrophenol	69		82		4-130	17		50
4,6-Dinitro-o-cresol	87		92		10-130	6		50
Pentachlorophenol	80		88		17-109	10		50
Phenol	79		62		26-90	24		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001
Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-18 Batch: WG723435-2 WG723435-3								
2-Methylphenol	76		62		30-130.	20		50
3-Methylphenol/4-Methylphenol	84		69		30-130	20		50
2,4,5-Trichlorophenol	82		84		30-130	2		50
Benzoic Acid	23		34			39		50
Benzyl Alcohol	80		63		40-140	24		50
Carbazole	76		80		54-128	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		57		25-120
Phenol-d6	71		56		10-120
Nitrobenzene-d5	69		53		23-120
2-Fluorobiphenyl	71		59		30-120
2,4,6-Tribromophenol	73		75		0-136
4-Terphenyl-d14	65		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG725270-2 WG725270-3								
Acenaphthene	70		66		31-137	6		50
Benzidine	72		62			15		50
n-Nitrosodimethylamine	55		52			6		50
1,2,4-Trichlorobenzene	67		65		38-107	3		50
Hexachlorobenzene	94		88		40-140	7		50
Bis(2-chloroethyl)ether	53		54		40-140	2		50
2-Chloronaphthalene	72		72		40-140	0		50
1,2-Dichlorobenzene	57		58		40-140	2		50
1,3-Dichlorobenzene	55		56		40-140	2		50
1,4-Dichlorobenzene	54		56		28-104	4		50
3,3'-Dichlorobenzidine	67		61		40-140	9		50
2,4-Dinitrotoluene	83		74		28-89	11		50
2,6-Dinitrotoluene	81		77		40-140	5		50
Fluoranthene	79		74		40-140	7		50
4-Chlorophenyl phenyl ether	78		77		40-140	1		50
4-Bromophenyl phenyl ether	87		84		40-140	4		50
Azobenzene	69		63		40-140	9		50
Bis(2-chloroisopropyl)ether	**32**	Q	**33**	Q	40-140	3		50
Bis(2-chloroethoxy)methane	60		58		40-117	3		50
Hexachlorobutadiene	71		69		40-140	3		50
Hexachlorocyclopentadiene	54		52		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG725270-2 WG725270-3								
Hexachloroethane	56		53		40-140	6		50
Isophorone	64		62		40-140	3		50
Naphthalene	63		61		40-140	3		50
Nitrobenzene	60		59		40-140	2		50
NitrosoDiPhenylAmine(NDPA)/DPA	79		76			4		50
n-Nitrosodi-n-propylamine	62		61		32-121	2		50
Bis(2-Ethylhexyl)phthalate	79		75		40-140	5		50
Butyl benzyl phthalate	81		76		40-140	6		50
Di-n-butylphthalate	79		74		40-140	7		50
Di-n-octylphthalate	84		79		40-140	6		50
Diethyl phthalate	80		76		40-140	5		50
Dimethyl phthalate	77		74		40-140	4		50
Benzo(a)anthracene	74		70		40-140	6		50
Benzo(a)pyrene	75		69		40-140	8		50
Benzo(b)fluoranthene	74		65		40-140	13		50
Benzo(k)fluoranthene	73		71		40-140	3		50
Chrysene	75		71		40-140	5		50
Acenaphthylene	76		74		40-140	3		50
Anthracene	78		74		40-140	5		50
Benzo(ghi)perylene	76		69		40-140	10		50
Fluorene	77		73		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG725270-2 WG725270-3								
Phenanthrene	74		70		40-140	6		50
Dibenzo(a,h)anthracene	75		70		40-140	7		50
Indeno(1,2,3-cd)pyrene	76		71		40-140	7		50
Pyrene	77		73		35-142	5		50
Biphenyl	78		72			8		50
Aniline	42		42		40-140	0		50
4-Chloroaniline	62		72		40-140	15		50
2-Nitroaniline	80		76		47-134	5		50
3-Nitroaniline	65		61		26-129	6		50
4-Nitroaniline	73		70		41-125	4		50
Dibenzofuran	73		70		40-140	4		50
2-Methylnaphthalene	69		67		40-140	3		50
1,2,4,5-Tetrachlorobenzene	79		77		40-117	3		50
Acetophenone	67		66		14-144	2		50
2,4,6-Trichlorophenol	91		87		30-130	4		50
P-Chloro-M-Cresol	80		79		26-103	1		50
2-Chlorophenol	63		62		25-102	2		50
2,4-Dichlorophenol	78		73		30-130	7		50
2,4-Dimethylphenol	74		75		30-130	1		50
2-Nitrophenol	70		67		30-130	4		50
4-Nitrophenol	79		71		11-114	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG725270-2 WG725270-3								
2,4-Dinitrophenol	60		57		4-130	5		50
4,6-Dinitro-o-cresol	92		87		10-130	6		50
Pentachlorophenol	74		67		17-109	10		50
Phenol	57		54		26-90	5		50
2-Methylphenol	69		68		30-130.	1		50
3-Methylphenol/4-Methylphenol	72		73		30-130	1		50
2,4,5-Trichlorophenol	92		90		30-130	2		50
Benzoic Acid	38		31			20		50
Benzyl Alcohol	66		66		40-140	0		50
Carbazole	76		72		54-128	5		50
Benzaldehyde	52		55			6		50
Caprolactam	65		65			0		50
Atrazine	94		80			16		50
2,3,4,6-Tetrachlorophenol	99		98			1		50
Pyridine	40		42		10-93	5		50
Parathion, ethyl	93		82		40-140	13		50
1-Methylnaphthalene	68		64		26-130	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001
Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG725270-2 WG725270-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		58		25-120
Phenol-d6	67		63		10-120
Nitrobenzene-d5	61		57		23-120
2-Fluorobiphenyl	77		73		30-120
2,4,6-Tribromophenol	104		95		0-136
4-Terphenyl-d14	83		76		18-120

PCBS

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-01	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 00:00	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	2.67	1	A
Aroclor 1221	ND		ug/kg	33.8	3.11	1	A
Aroclor 1232	ND		ug/kg	33.8	3.96	1	A
Aroclor 1242	ND		ug/kg	33.8	4.13	1	A
Aroclor 1248	ND		ug/kg	33.8	2.85	1	A
Aroclor 1254	ND		ug/kg	33.8	2.77	1	A
Aroclor 1260	ND		ug/kg	33.8	2.57	1	A
Aroclor 1262	ND		ug/kg	33.8	1.67	1	A
Aroclor 1268	ND		ug/kg	33.8	4.90	1	A
PCBs, Total	ND		ug/kg	33.8	1.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-02	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 00:13	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	2.72	1	A
Aroclor 1221	ND		ug/kg	34.5	3.18	1	A
Aroclor 1232	ND		ug/kg	34.5	4.04	1	A
Aroclor 1242	ND		ug/kg	34.5	4.22	1	A
Aroclor 1248	ND		ug/kg	34.5	2.91	1	A
Aroclor 1254	ND		ug/kg	34.5	2.84	1	A
Aroclor 1260	ND		ug/kg	34.5	2.63	1	A
Aroclor 1262	ND		ug/kg	34.5	1.71	1	A
Aroclor 1268	ND		ug/kg	34.5	5.00	1	A
PCBs, Total	ND		ug/kg	34.5	1.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-03	Date Collected:	09/18/14 09:45
Client ID:	SB-2 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 00:25	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	2.69	1	A
Aroclor 1221	ND		ug/kg	34.1	3.14	1	A
Aroclor 1232	ND		ug/kg	34.1	4.00	1	A
Aroclor 1242	ND		ug/kg	34.1	4.18	1	A
Aroclor 1248	ND		ug/kg	34.1	2.88	1	A
Aroclor 1254	ND		ug/kg	34.1	2.80	1	A
Aroclor 1260	ND		ug/kg	34.1	2.60	1	A
Aroclor 1262	ND		ug/kg	34.1	1.69	1	A
Aroclor 1268	ND		ug/kg	34.1	4.94	1	A
PCBs, Total	ND		ug/kg	34.1	1.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-04	Date Collected:	09/18/14 09:45
Client ID:	SB-3 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 00:37	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	97%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.0	2.61	1	A
Aroclor 1221	ND		ug/kg	33.0	3.05	1	A
Aroclor 1232	ND		ug/kg	33.0	3.87	1	A
Aroclor 1242	ND		ug/kg	33.0	4.04	1	A
Aroclor 1248	ND		ug/kg	33.0	2.79	1	A
Aroclor 1254	ND		ug/kg	33.0	2.72	1	A
Aroclor 1260	ND		ug/kg	33.0	2.52	1	A
Aroclor 1262	ND		ug/kg	33.0	1.64	1	A
Aroclor 1268	ND		ug/kg	33.0	4.79	1	A
PCBs, Total	ND		ug/kg	33.0	1.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-05	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 00:50	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	2.89	1	A
Aroclor 1221	ND		ug/kg	36.6	3.38	1	A
Aroclor 1232	ND		ug/kg	36.6	4.29	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	3.09	1	A
Aroclor 1254	ND		ug/kg	36.6	3.01	1	A
Aroclor 1260	ND		ug/kg	36.6	2.79	1	A
Aroclor 1262	ND		ug/kg	36.6	1.82	1	A
Aroclor 1268	ND		ug/kg	36.6	5.31	1	A
PCBs, Total	ND		ug/kg	36.6	1.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-06	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 01:02	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

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	3.46	1	A
Aroclor 1232	ND		ug/kg	37.6	4.40	1	A
Aroclor 1242	ND		ug/kg	37.6	4.60	1	A
Aroclor 1248	ND		ug/kg	37.6	3.17	1	A
Aroclor 1254	ND		ug/kg	37.6	3.09	1	A
Aroclor 1260	ND		ug/kg	37.6	2.86	1	A
Aroclor 1262	ND		ug/kg	37.6	1.86	1	A
Aroclor 1268	ND		ug/kg	37.6	5.45	1	A
PCBs, Total	ND		ug/kg	37.6	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 01:15	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	2.94	1	A
Aroclor 1221	ND		ug/kg	37.3	3.44	1	A
Aroclor 1232	ND		ug/kg	37.3	4.37	1	A
Aroclor 1242	ND		ug/kg	37.3	4.56	1	A
Aroclor 1248	ND		ug/kg	37.3	3.14	1	A
Aroclor 1254	ND		ug/kg	37.3	3.06	1	A
Aroclor 1260	ND		ug/kg	37.3	2.84	1	A
Aroclor 1262	ND		ug/kg	37.3	1.85	1	A
Aroclor 1268	ND		ug/kg	37.3	5.40	1	A
PCBs, Total	ND		ug/kg	37.3	1.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-08	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 01:27	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	92%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	2.76	1	A
Aroclor 1221	ND		ug/kg	34.9	3.22	1	A
Aroclor 1232	ND		ug/kg	34.9	4.09	1	A
Aroclor 1242	ND		ug/kg	34.9	4.27	1	A
Aroclor 1248	ND		ug/kg	34.9	2.94	1	A
Aroclor 1254	ND		ug/kg	34.9	2.87	1	A
Aroclor 1260	ND		ug/kg	34.9	2.66	1	A
Aroclor 1262	ND		ug/kg	34.9	1.73	1	A
Aroclor 1268	ND		ug/kg	34.9	5.06	1	A
PCBs, Total	ND		ug/kg	34.9	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-09	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 01:39	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	2.73	1	A
Aroclor 1221	ND		ug/kg	34.5	3.18	1	A
Aroclor 1232	ND		ug/kg	34.5	4.05	1	A
Aroclor 1242	ND		ug/kg	34.5	4.23	1	A
Aroclor 1248	ND		ug/kg	34.5	2.91	1	A
Aroclor 1254	ND		ug/kg	34.5	2.84	1	A
Aroclor 1260	ND		ug/kg	34.5	2.63	1	A
Aroclor 1262	ND		ug/kg	34.5	1.71	1	A
Aroclor 1268	ND		ug/kg	34.5	5.01	1	A
PCBs, Total	ND		ug/kg	34.5	1.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-10	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 01:52	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.65	1	A
Aroclor 1221	ND		ug/kg	33.6	3.09	1	A
Aroclor 1232	ND		ug/kg	33.6	3.93	1	A
Aroclor 1242	ND		ug/kg	33.6	4.11	1	A
Aroclor 1248	ND		ug/kg	33.6	2.83	1	A
Aroclor 1254	ND		ug/kg	33.6	2.76	1	A
Aroclor 1260	ND		ug/kg	33.6	2.56	1	A
Aroclor 1262	ND		ug/kg	33.6	1.66	1	A
Aroclor 1268	ND		ug/kg	33.6	4.86	1	A
PCBs, Total	ND		ug/kg	33.6	1.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-11	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 02:04	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	2.98	1	A
Aroclor 1221	ND		ug/kg	37.8	3.48	1	A
Aroclor 1232	ND		ug/kg	37.8	4.43	1	A
Aroclor 1242	ND		ug/kg	37.8	4.62	1	A
Aroclor 1248	ND		ug/kg	37.8	3.19	1	A
Aroclor 1254	ND		ug/kg	37.8	3.10	1	A
Aroclor 1260	ND		ug/kg	37.8	2.88	1	A
Aroclor 1262	ND		ug/kg	37.8	1.87	1	A
Aroclor 1268	ND		ug/kg	37.8	5.48	1	A
PCBs, Total	ND		ug/kg	37.8	1.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:01
Analytical Date:	09/21/14 02:16	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	2.92	1	A
Aroclor 1221	ND		ug/kg	36.9	3.40	1	A
Aroclor 1232	ND		ug/kg	36.9	4.33	1	A
Aroclor 1242	ND		ug/kg	36.9	4.52	1	A
Aroclor 1248	ND		ug/kg	36.9	3.12	1	A
Aroclor 1254	ND		ug/kg	36.9	3.04	1	A
Aroclor 1260	ND		ug/kg	36.9	2.81	1	A
Aroclor 1262	ND		ug/kg	36.9	1.83	1	A
Aroclor 1268	ND		ug/kg	36.9	5.36	1	A
PCBs, Total	ND		ug/kg	36.9	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-13	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:21
Analytical Date:	09/21/14 02:29	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	2.77	1	A
Aroclor 1221	ND		ug/kg	35.1	3.24	1	A
Aroclor 1232	ND		ug/kg	35.1	4.12	1	A
Aroclor 1242	ND		ug/kg	35.1	4.30	1	A
Aroclor 1248	ND		ug/kg	35.1	2.96	1	A
Aroclor 1254	ND		ug/kg	35.1	2.89	1	A
Aroclor 1260	8.32	J	ug/kg	35.1	2.68	1	B
Aroclor 1262	ND		ug/kg	35.1	1.74	1	A
Aroclor 1268	ND		ug/kg	35.1	5.09	1	A
PCBs, Total	8.32	J	ug/kg	35.1	1.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:21
Analytical Date:	09/21/14 02:41	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	98%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	2.62	1	A
Aroclor 1221	ND		ug/kg	33.1	3.05	1	A
Aroclor 1232	ND		ug/kg	33.1	3.88	1	A
Aroclor 1242	ND		ug/kg	33.1	4.05	1	A
Aroclor 1248	ND		ug/kg	33.1	2.80	1	A
Aroclor 1254	ND		ug/kg	33.1	2.72	1	A
Aroclor 1260	ND		ug/kg	33.1	2.52	1	A
Aroclor 1262	ND		ug/kg	33.1	1.64	1	A
Aroclor 1268	ND		ug/kg	33.1	4.80	1	A
PCBs, Total	ND		ug/kg	33.1	1.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-15	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:37
Analytical Date:	09/21/14 02:54	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.5	2.65	1	A
Aroclor 1221	ND		ug/kg	33.5	3.09	1	A
Aroclor 1232	ND		ug/kg	33.5	3.93	1	A
Aroclor 1242	ND		ug/kg	33.5	4.10	1	A
Aroclor 1248	ND		ug/kg	33.5	2.83	1	A
Aroclor 1254	ND		ug/kg	33.5	2.76	1	A
Aroclor 1260	ND		ug/kg	33.5	2.55	1	A
Aroclor 1262	ND		ug/kg	33.5	1.66	1	A
Aroclor 1268	ND		ug/kg	33.5	4.86	1	A
PCBs, Total	ND		ug/kg	33.5	1.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-16	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:38
Analytical Date:	09/21/14 03:06	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	94%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	2.72	1	A
Aroclor 1221	ND		ug/kg	34.4	3.18	1	A
Aroclor 1232	ND		ug/kg	34.4	4.04	1	A
Aroclor 1242	ND		ug/kg	34.4	4.22	1	A
Aroclor 1248	ND		ug/kg	34.4	2.91	1	A
Aroclor 1254	ND		ug/kg	34.4	2.83	1	A
Aroclor 1260	ND		ug/kg	34.4	2.62	1	A
Aroclor 1262	ND		ug/kg	34.4	1.71	1	A
Aroclor 1268	ND		ug/kg	34.4	5.00	1	A
PCBs, Total	ND		ug/kg	34.4	1.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:39
Analytical Date:	09/21/14 03:18	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	2.74	1	A
Aroclor 1221	ND		ug/kg	34.6	3.19	1	A
Aroclor 1232	ND		ug/kg	34.6	4.06	1	A
Aroclor 1242	ND		ug/kg	34.6	4.24	1	A
Aroclor 1248	ND		ug/kg	34.6	2.92	1	A
Aroclor 1254	ND		ug/kg	34.6	2.85	1	A
Aroclor 1260	ND		ug/kg	34.6	2.64	1	A
Aroclor 1262	ND		ug/kg	34.6	1.72	1	A
Aroclor 1268	ND		ug/kg	34.6	5.02	1	A
PCBs, Total	ND		ug/kg	34.6	1.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-18	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/19/14 06:39
Analytical Date:	09/21/14 03:31	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/20/14
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	2.77	1	A
Aroclor 1221	ND		ug/kg	35.1	3.24	1	A
Aroclor 1232	ND		ug/kg	35.1	4.11	1	A
Aroclor 1242	ND		ug/kg	35.1	4.30	1	A
Aroclor 1248	ND		ug/kg	35.1	2.96	1	A
Aroclor 1254	ND		ug/kg	35.1	2.88	1	A
Aroclor 1260	ND		ug/kg	35.1	2.67	1	A
Aroclor 1262	ND		ug/kg	35.1	1.74	1	A
Aroclor 1268	ND		ug/kg	35.1	5.09	1	A
PCBs, Total	ND		ug/kg	35.1	1.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1421851

Report Date: 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/20/14 19:41
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 09/19/14 06:01
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/14
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-18 Batch: WG723452-1						
Aroclor 1016	ND		ug/kg	31.9	2.52	A
Aroclor 1221	ND		ug/kg	31.9	2.94	A
Aroclor 1232	ND		ug/kg	31.9	3.74	A
Aroclor 1242	ND		ug/kg	31.9	3.91	A
Aroclor 1248	ND		ug/kg	31.9	2.69	A
Aroclor 1254	ND		ug/kg	31.9	2.62	A
Aroclor 1260	ND		ug/kg	31.9	2.43	A
Aroclor 1262	ND		ug/kg	31.9	1.58	A
Aroclor 1268	ND		ug/kg	31.9	4.63	A
PCBs, Total	ND		ug/kg	31.9	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	62		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1421851

Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG723452-2 WG723452-3									
Aroclor 1016	76		73		40-140	4		50	A
Aroclor 1260	83		77		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		69		30-150	A
Decachlorobiphenyl	66		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		82		30-150	B
Decachlorobiphenyl	75		68		30-150	B

PESTICIDES

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-01	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 17:32	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.307	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	0.696	J	ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.09	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-01	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 21:27		
Analyst:	SS		
Percent Solids:	93%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	177	9.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	70		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-02	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 17:45	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	109		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	94		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-02	Date Collected:	09/18/14 09:00
Client ID:	SB-1 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 21:46		
Analyst:	SS		
Percent Solids:	94%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	172	9.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	72		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-03	Date Collected:	09/18/14 09:45
Client ID:	SB-2 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 17:59	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.303	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Dieldrin	ND		ug/kg	1.02	0.509	1	A
4,4'-DDE	3.02		ug/kg	1.63	0.377	1	A
4,4'-DDD	3.67		ug/kg	1.63	0.581	1	A
4,4'-DDT	30.2		ug/kg	3.05	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
cis-Chlordane	7.87		ug/kg	2.04	0.567	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	97		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	74		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-03	Date Collected:	09/18/14 09:45
Client ID:	SB-2 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 22:06		
Analyst:	SS		
Percent Solids:	95%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	173	9.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	80		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-04	Date Collected:	09/18/14 09:45
Client ID:	SB-3 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 18:12	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.312	1	A
Lindane	ND		ug/kg	0.664	0.297	1	A
Alpha-BHC	ND		ug/kg	0.664	0.188	1	A
Beta-BHC	ND		ug/kg	1.59	0.604	1	A
Heptachlor	ND		ug/kg	0.796	0.357	1	A
Aldrin	ND		ug/kg	1.59	0.561	1	A
Endrin	ND		ug/kg	0.664	0.272	1	A
Dieldrin	ND		ug/kg	0.996	0.498	1	A
4,4'-DDE	ND		ug/kg	1.59	0.368	1	A
4,4'-DDD	ND		ug/kg	1.59	0.568	1	A
4,4'-DDT	ND		ug/kg	2.99	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.376	1	A
Endosulfan II	ND		ug/kg	1.59	0.532	1	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	1	A
cis-Chlordane	ND		ug/kg	1.99	0.555	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	40		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-04	Date Collected:	09/18/14 09:45
Client ID:	SB-3 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 22:25		
Analyst:	SS		
Percent Solids:	97%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	168	9.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	85		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-05	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 18:26	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.329	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.884	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.622	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	2.22	J	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
cis-Chlordane	ND		ug/kg	2.21	0.616	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-05	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 22:45		
Analyst:	SS		
Percent Solids:	88%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	185	10.2	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	59		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-06	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 18:39	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.409	1	A
4,4'-DDD	ND		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	54		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-06	Date Collected:	09/18/14 13:30
Client ID:	SB-4 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 23:04		
Analyst:	SS		
Percent Solids:	86%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	188	10.4	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	63		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 18:53	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.866	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.610	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	50		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-07	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/23/14 23:43		
Analyst:	SS		
Percent Solids:	88%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	184	10.2	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	70		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-08	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 19:06	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.320	1	A
Lindane	ND		ug/kg	0.681	0.304	1	A
Alpha-BHC	ND		ug/kg	0.681	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.620	1	A
Heptachlor	ND		ug/kg	0.818	0.366	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.64	0.378	1	A
4,4'-DDD	ND		ug/kg	1.64	0.583	1	A
4,4'-DDT	ND		ug/kg	3.07	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.386	1	A
Endosulfan II	ND		ug/kg	1.64	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
cis-Chlordane	ND		ug/kg	2.04	0.570	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-08	Date Collected:	09/18/14 09:30
Client ID:	SB-6 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 00:03		
Analyst:	SS		
Percent Solids:	92%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	177	9.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	65		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-09	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 19:20	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.595	1	A
4,4'-DDT	ND		ug/kg	3.13	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
cis-Chlordane	ND		ug/kg	2.09	0.581	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-09	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 00:22		
Analyst:	SS		
Percent Solids:	95%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	172	9.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	69		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-10	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 19:33	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	3.11	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	52		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-10	Date Collected:	09/18/14 11:30
Client ID:	SB-7 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 00:42		
Analyst:	SS		
Percent Solids:	95%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	172	9.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	72		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-11	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 19:46	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.783	0.350	1	A
Alpha-BHC	ND		ug/kg	0.783	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.939	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Endrin	ND		ug/kg	0.783	0.321	1	A
Dieldrin	ND		ug/kg	1.17	0.587	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	ND		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	ND		ug/kg	1.88	0.628	1	A
Endosulfan sulfate	ND		ug/kg	0.783	0.373	1	A
cis-Chlordane	ND		ug/kg	2.35	0.654	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-11	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 01:02		
Analyst:	SS		
Percent Solids:	85%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	194	10.7	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	67		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 20:00	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	ND		ug/kg	1.75	0.405	1	A
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	ND		ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	34		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-12	Date Collected:	09/18/14 11:00
Client ID:	SB-8 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 01:21		
Analyst:	SS		
Percent Solids:	88%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	186	10.3	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	32		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-13	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 20:13	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.590	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	47		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-13	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 01:41		
Analyst:	SS		
Percent Solids:	93%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	177	9.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	109		30-150	A
DCAA	83		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 20:27	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	98%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.56	0.305	1	A
Lindane	ND		ug/kg	0.649	0.290	1	A
Alpha-BHC	ND		ug/kg	0.649	0.184	1	A
Beta-BHC	ND		ug/kg	1.56	0.591	1	A
Heptachlor	ND		ug/kg	0.779	0.349	1	A
Aldrin	ND		ug/kg	1.56	0.548	1	A
Endrin	ND		ug/kg	0.649	0.266	1	A
Dieldrin	ND		ug/kg	0.974	0.487	1	A
4,4'-DDE	ND		ug/kg	1.56	0.360	1	A
4,4'-DDD	ND		ug/kg	1.56	0.556	1	A
4,4'-DDT	ND		ug/kg	2.92	1.25	1	A
Endosulfan I	ND		ug/kg	1.56	0.368	1	A
Endosulfan II	ND		ug/kg	1.56	0.520	1	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	1	A
cis-Chlordane	ND		ug/kg	1.95	0.543	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-14	Date Collected:	09/18/14 10:30
Client ID:	SB-9 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 02:00		
Analyst:	SS		
Percent Solids:	98%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	166	9.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	93		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-15	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 20:40	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.307	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.09	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	56		30-150	B
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	47		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-15	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 02:20		
Analyst:	SS		
Percent Solids:	95%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	170	9.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	84		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-16	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/24/14 20:54	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.590	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
cis-Chlordane	ND		ug/kg	2.07	0.576	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-16	Date Collected:	09/18/14 10:00
Client ID:	SB-10 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 02:39		
Analyst:	SS		
Percent Solids:	94%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	174	9.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	83		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/25/14 02:37	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-17	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (0-2)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 03:18		
Analyst:	SS		
Percent Solids:	91%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	178	9.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	77		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-18	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/21/14 01:29
Analytical Date:	09/25/14 02:50	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	09/24/14
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.833	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Endrin	ND		ug/kg	0.694	0.285	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	ND		ug/kg	1.67	0.385	1	A
4,4'-DDD	ND		ug/kg	1.67	0.594	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	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	72		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID:	L1421851-18	Date Collected:	09/18/14 12:00
Client ID:	SB-11 (2-4)	Date Received:	09/18/14
Sample Location:	1544 BOONE AVE., BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/22/14 09:07
Analytical Date:	09/24/14 21:49		
Analyst:	SS		
Percent Solids:	93%		
Methylation Date:	09/23/14 14:34		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	176	9.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	88		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/24/14 16:51
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 09/21/14 01:29
Cleanup Method: EPA 3620B
Cleanup Date: 09/24/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-18 Batch: WG723916-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.282	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.575	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Endrin	ND		ug/kg	0.632	0.259	A
Dieldrin	ND		ug/kg	0.948	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
cis-Chlordane	ND		ug/kg	1.90	0.528	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	72		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/23/14 20:08
Analyst: SS

Extraction Method: EPA 8151A
Extraction Date: 09/22/14 09:07

Methylation Date: 09/23/14 14:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-18 Batch: WG723991-1						
2,4,5-TP (Silvex)	ND		ug/kg	164	9.03	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG723916-2 WG723916-3									
Delta-BHC	83		81		30-150	2		30	A
Lindane	74		71		30-150	4		30	A
Alpha-BHC	80		78		30-150	3		30	A
Beta-BHC	94		90		30-150	4		30	A
Heptachlor	72		69		30-150	4		30	A
Aldrin	77		74		30-150	4		30	A
Heptachlor epoxide	70		67		30-150	4		30	A
Endrin	82		79		30-150	4		30	A
Endrin ketone	64		61		30-150	5		30	A
Dieldrin	73		70		30-150	4		30	A
4,4'-DDE	77		73		30-150	5		30	A
4,4'-DDD	76		73		30-150	4		30	A
4,4'-DDT	78		75		30-150	4		30	A
Endosulfan I	66		64		30-150	3		30	A
Endosulfan II	68		66		30-150	3		30	A
Endosulfan sulfate	66		63		30-150	5		30	A
Methoxychlor	77		75		30-150	3		30	A
cis-Chlordane	70		67		30-150	4		30	A
trans-Chlordane	68		65		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG723916-2 WG723916-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		64		30-150	B
Decachlorobiphenyl	96		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		58		30-150	A
Decachlorobiphenyl	67		62		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1421851

Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-18 Batch: WG723991-2 WG723991-3									
Dicamba	95		102		30-150	7		30	A
2,4-D	102		108		30-150	6		30	A
2,4,5-T	90		98		30-150	9		30	A
2,4,5-TP (Silvex)	88		96		30-150	9		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		104		30-150	A
DCAA	75		93		30-150	B

METALS

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-01 Date Collected: 09/18/14 09:00

Client ID: SB-1 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	4.3	0.85	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.34	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Arsenic, Total	2.0		mg/kg	0.43	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Barium, Total	38		mg/kg	0.43	0.13	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Beryllium, Total	0.26		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.43	0.03	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Calcium, Total	940		mg/kg	4.3	1.3	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Chromium, Total	20		mg/kg	0.43	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Cobalt, Total	6.1		mg/kg	0.85	0.21	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Copper, Total	16		mg/kg	0.43	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	2.1	0.85	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Lead, Total	14		mg/kg	2.1	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	4.3	0.43	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Manganese, Total	180		mg/kg	0.43	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	09/19/14 22:07	09/22/14 11:48	EPA 7471B	1,7471B	MC
Nickel, Total	14		mg/kg	1.1	0.17	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Potassium, Total	1100		mg/kg	110	17.	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.85	0.13	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.43	0.09	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Sodium, Total	88		mg/kg	85	13.	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.85	0.17	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Vanadium, Total	25		mg/kg	0.43	0.04	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	2.1	0.30	1	09/22/14 21:54	09/24/14 18:04	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-02 Date Collected: 09/18/14 09:00

Client ID: SB-1 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	14000		mg/kg	4.1	0.83	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Arsenic, Total	2.2		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Barium, Total	67		mg/kg	0.41	0.12	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Beryllium, Total	0.32		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.41	0.03	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Calcium, Total	1400		mg/kg	4.1	1.2	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Chromium, Total	18		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Cobalt, Total	9.9		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Copper, Total	29		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Iron, Total	18000		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Lead, Total	18		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Magnesium, Total	4900		mg/kg	4.1	0.41	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Manganese, Total	300		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/19/14 22:07	09/22/14 11:58	EPA 7471B	1,7471B	MC
Nickel, Total	19		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Potassium, Total	1500		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Sodium, Total	130		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.16	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Vanadium, Total	38		mg/kg	0.41	0.04	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH
Zinc, Total	54		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 18:08	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-03 Date Collected: 09/18/14 09:45

Client ID: SB-2 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	10000		mg/kg	4.1	0.83	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Arsenic, Total	2.3		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Barium, Total	130		mg/kg	0.41	0.12	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Beryllium, Total	0.25		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Cadmium, Total	0.12	J	mg/kg	0.41	0.03	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Calcium, Total	11000		mg/kg	4.1	1.2	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Chromium, Total	23		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Cobalt, Total	9.3		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Copper, Total	33		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Iron, Total	24000		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Lead, Total	90		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Magnesium, Total	4200		mg/kg	4.1	0.41	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Manganese, Total	350		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:00	EPA 7471B	1,7471B	MC
Nickel, Total	18		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Potassium, Total	2700		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Silver, Total	0.13	J	mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Sodium, Total	170		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.16	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Vanadium, Total	25		mg/kg	0.41	0.04	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH
Zinc, Total	96		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 18:12	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-04 Date Collected: 09/18/14 09:45

Client ID: SB-3 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	17000		mg/kg	3.9	0.78	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.31	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Arsenic, Total	0.66		mg/kg	0.39	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Barium, Total	130		mg/kg	0.39	0.12	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Beryllium, Total	0.17	J	mg/kg	0.20	0.04	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.39	0.03	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Calcium, Total	2300		mg/kg	3.9	1.2	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Chromium, Total	25		mg/kg	0.39	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Cobalt, Total	9.8		mg/kg	0.78	0.20	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Copper, Total	33		mg/kg	0.39	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Iron, Total	25000		mg/kg	2.0	0.78	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Lead, Total	20		mg/kg	2.0	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Magnesium, Total	8900		mg/kg	3.9	0.39	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Manganese, Total	250		mg/kg	0.39	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/19/14 22:07	09/22/14 12:02	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	0.98	0.16	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Potassium, Total	13000		mg/kg	98	16.	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.78	0.12	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.39	0.08	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Sodium, Total	260		mg/kg	78	12.	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.78	0.16	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Vanadium, Total	33		mg/kg	0.39	0.04	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH
Zinc, Total	88		mg/kg	2.0	0.27	1	09/22/14 21:54	09/24/14 18:16	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-05 Date Collected: 09/18/14 13:30

Client ID: SB-4 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	4.4	0.88	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Antimony, Total	1.0	J	mg/kg	2.2	0.35	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Arsenic, Total	4.9		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Barium, Total	340		mg/kg	0.44	0.13	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Beryllium, Total	0.19	J	mg/kg	0.22	0.04	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Cadmium, Total	1.0		mg/kg	0.44	0.03	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Calcium, Total	41000		mg/kg	4.4	1.3	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Cobalt, Total	3.3		mg/kg	0.88	0.22	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Copper, Total	75		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	2.2	0.88	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Lead, Total	600		mg/kg	2.2	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Magnesium, Total	4700		mg/kg	4.4	0.44	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Mercury, Total	0.58		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:04	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	1.1	0.18	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Potassium, Total	920		mg/kg	110	18.	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.88	0.13	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Silver, Total	0.12	J	mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Sodium, Total	300		mg/kg	88	13.	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.88	0.18	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Vanadium, Total	18		mg/kg	0.44	0.04	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH
Zinc, Total	500		mg/kg	2.2	0.31	1	09/22/14 21:54	09/24/14 18:20	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-06 Date Collected: 09/18/14 13:30

Client ID: SB-4 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	4.5	0.89	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.2	0.36	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Arsenic, Total	1.6		mg/kg	0.45	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Barium, Total	44		mg/kg	0.45	0.13	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Beryllium, Total	0.25		mg/kg	0.22	0.05	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Calcium, Total	1700		mg/kg	4.5	1.3	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Chromium, Total	19		mg/kg	0.45	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Cobalt, Total	7.1		mg/kg	0.89	0.22	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Copper, Total	27		mg/kg	0.45	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	2.2	0.89	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Lead, Total	10		mg/kg	2.2	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Magnesium, Total	2400		mg/kg	4.5	0.45	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Manganese, Total	230		mg/kg	0.45	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Mercury, Total	0.12		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:06	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	1.1	0.18	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Potassium, Total	1400		mg/kg	110	18.	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.89	0.13	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Sodium, Total	80	J	mg/kg	89	13.	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.89	0.18	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.45	0.05	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH
Zinc, Total	25		mg/kg	2.2	0.31	1	09/22/14 21:54	09/24/14 18:24	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-07 Date Collected: 09/18/14 09:30

Client ID: SB-6 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	18000		mg/kg	4.2	0.85	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.34	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Arsenic, Total	3.2		mg/kg	0.42	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Barium, Total	79		mg/kg	0.42	0.13	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Beryllium, Total	0.45		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Calcium, Total	1200		mg/kg	4.2	1.3	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Chromium, Total	30		mg/kg	0.42	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Cobalt, Total	8.5		mg/kg	0.85	0.21	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Copper, Total	23		mg/kg	0.42	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	2.1	0.85	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Lead, Total	12		mg/kg	2.1	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Magnesium, Total	3900		mg/kg	4.2	0.42	1	09/22/14 21:54	09/26/14 18:35	EPA 3050B	1,6010C	TT
Manganese, Total	290		mg/kg	0.42	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.04	0.01	1	09/19/14 22:07	09/22/14 12:07	EPA 7471B	1,7471B	MC
Nickel, Total	18		mg/kg	1.1	0.17	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Potassium, Total	1800		mg/kg	110	17.	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.85	0.13	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.09	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Sodium, Total	250		mg/kg	85	13.	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.85	0.17	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Vanadium, Total	41		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH
Zinc, Total	59		mg/kg	2.1	0.30	1	09/22/14 21:54	09/24/14 19:06	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-08 Date Collected: 09/18/14 09:30

Client ID: SB-6 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9100		mg/kg	4.2	0.83	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Arsenic, Total	1.7		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Barium, Total	84		mg/kg	0.42	0.12	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Beryllium, Total	0.23		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Calcium, Total	12000		mg/kg	4.2	1.2	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Cobalt, Total	6.6		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Copper, Total	22		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Iron, Total	14000		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Lead, Total	5.4		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Magnesium, Total	2600		mg/kg	4.2	0.42	1	09/22/14 21:54	09/26/14 18:58	EPA 3050B	1,6010C	TT
Manganese, Total	200		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Mercury, Total	0.076	J	mg/kg	0.078	0.016	1	09/19/14 22:07	09/22/14 12:09	EPA 7471B	1,7471B	MC
Nickel, Total	13		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Potassium, Total	1600		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Sodium, Total	170		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.17	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH
Zinc, Total	41		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 19:10	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-09 Date Collected: 09/18/14 11:30

Client ID: SB-7 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6400		mg/kg	4.1	0.81	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Arsenic, Total	0.95		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Barium, Total	100		mg/kg	0.41	0.12	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Beryllium, Total	0.11	J	mg/kg	0.20	0.04	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.41	0.03	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Calcium, Total	3500		mg/kg	4.1	1.2	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Chromium, Total	9.6		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Cobalt, Total	5.5		mg/kg	0.81	0.20	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Copper, Total	22		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Iron, Total	11000		mg/kg	2.0	0.81	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Lead, Total	1.7	J	mg/kg	2.0	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Magnesium, Total	1800		mg/kg	4.1	0.41	1	09/22/14 21:54	09/26/14 19:02	EPA 3050B	1,6010C	TT
Manganese, Total	120		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:11	EPA 7471B	1,7471B	MC
Nickel, Total	7.5		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Potassium, Total	1600		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.81	0.12	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Sodium, Total	76	J	mg/kg	81	12.	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.81	0.16	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.41	0.04	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH
Zinc, Total	21		mg/kg	2.0	0.28	1	09/22/14 21:54	09/24/14 19:13	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-10 Date Collected: 09/18/14 11:30

Client ID: SB-7 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6600		mg/kg	4.2	0.83	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Arsenic, Total	0.66		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Barium, Total	47		mg/kg	0.42	0.12	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Beryllium, Total	0.14	J	mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Calcium, Total	3500		mg/kg	4.2	1.2	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Chromium, Total	12		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Cobalt, Total	5.3		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Copper, Total	19		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Iron, Total	11000		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Lead, Total	3.9		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Magnesium, Total	2000		mg/kg	4.2	0.42	1	09/22/14 21:54	09/26/14 19:06	EPA 3050B	1,6010C	TT
Manganese, Total	180		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/19/14 22:07	09/22/14 12:13	EPA 7471B	1,7471B	MC
Nickel, Total	9.6		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Potassium, Total	1700		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Sodium, Total	120		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.17	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Vanadium, Total	20		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH
Zinc, Total	20		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 19:17	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-11 Date Collected: 09/18/14 11:00

Client ID: SB-8 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	4.7	0.94	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.3	0.37	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Arsenic, Total	4.0		mg/kg	0.47	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Barium, Total	58		mg/kg	0.47	0.14	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Beryllium, Total	0.41		mg/kg	0.23	0.05	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Calcium, Total	1500		mg/kg	4.7	1.4	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Chromium, Total	29		mg/kg	0.47	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Cobalt, Total	8.0		mg/kg	0.94	0.23	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Copper, Total	18		mg/kg	0.47	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Iron, Total	20000		mg/kg	2.3	0.94	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Lead, Total	21		mg/kg	2.3	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Magnesium, Total	3700		mg/kg	4.7	0.47	1	09/22/14 21:54	09/26/14 19:10	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.47	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	09/19/14 22:07	09/22/14 12:14	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	1.2	0.19	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Potassium, Total	660		mg/kg	120	19.	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.94	0.14	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.09	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Sodium, Total	75	J	mg/kg	94	14.	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.94	0.19	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Vanadium, Total	32		mg/kg	0.47	0.05	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH
Zinc, Total	47		mg/kg	2.3	0.33	1	09/22/14 21:54	09/24/14 19:21	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-12 Date Collected: 09/18/14 11:00

Client ID: SB-8 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	4.4	0.87	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.2	0.35	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Arsenic, Total	5.7		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Barium, Total	56		mg/kg	0.44	0.13	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Beryllium, Total	0.43		mg/kg	0.22	0.04	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.44	0.03	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Calcium, Total	1300		mg/kg	4.4	1.3	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Chromium, Total	21		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Cobalt, Total	10		mg/kg	0.87	0.22	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Copper, Total	36		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Iron, Total	23000		mg/kg	2.2	0.87	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Lead, Total	13		mg/kg	2.2	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Magnesium, Total	3800		mg/kg	4.4	0.44	1	09/22/14 21:54	09/26/14 19:14	EPA 3050B	1,6010C	TT
Manganese, Total	640		mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:20	EPA 7471B	1,7471B	MC
Nickel, Total	18		mg/kg	1.1	0.17	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Potassium, Total	760		mg/kg	110	17.	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.87	0.13	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Silver, Total	0.11	J	mg/kg	0.44	0.09	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Sodium, Total	44	J	mg/kg	87	13.	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.87	0.17	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Vanadium, Total	28		mg/kg	0.44	0.04	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH
Zinc, Total	66		mg/kg	2.2	0.30	1	09/22/14 21:54	09/24/14 19:25	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-13 Date Collected: 09/18/14 10:30

Client ID: SB-9 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	15000		mg/kg	4.2	0.84	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.34	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Arsenic, Total	1.2		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Barium, Total	130		mg/kg	0.42	0.12	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Beryllium, Total	0.33		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Calcium, Total	3000		mg/kg	4.2	1.2	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Chromium, Total	22		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Cobalt, Total	13		mg/kg	0.84	0.21	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Copper, Total	41		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Iron, Total	23000		mg/kg	2.1	0.84	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Lead, Total	57		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Magnesium, Total	5300		mg/kg	4.2	0.42	1	09/22/14 21:54	09/26/14 19:18	EPA 3050B	1,6010C	TT
Manganese, Total	240		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:22	EPA 7471B	1,7471B	MC
Nickel, Total	21		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Potassium, Total	8600		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.84	0.12	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Silver, Total	0.15	J	mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Sodium, Total	190		mg/kg	84	12.	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.84	0.17	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Vanadium, Total	33		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH
Zinc, Total	94		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 19:29	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-14 Date Collected: 09/18/14 10:30

Client ID: SB-9 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	18000		mg/kg	4.0	0.81	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Barium, Total	140		mg/kg	0.40	0.12	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Beryllium, Total	0.19	J	mg/kg	0.20	0.04	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Calcium, Total	2600		mg/kg	4.0	1.2	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Chromium, Total	26		mg/kg	0.40	0.08	1	09/22/14 21:54	09/25/14 21:37	EPA 3050B	1,6010C	JH
Cobalt, Total	17		mg/kg	0.81	0.20	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Iron, Total	28000		mg/kg	2.0	0.81	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Lead, Total	6.0		mg/kg	2.0	0.08	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Magnesium, Total	6800		mg/kg	4.0	0.40	1	09/22/14 21:54	09/25/14 21:37	EPA 3050B	1,6010C	JH
Manganese, Total	190		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:23	EPA 7471B	1,7471B	MC
Nickel, Total	26		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Potassium, Total	15000		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.81	0.12	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Silver, Total	0.20	J	mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Sodium, Total	290		mg/kg	81	12.	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.81	0.16	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Vanadium, Total	38		mg/kg	0.40	0.04	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH
Zinc, Total	78		mg/kg	2.0	0.28	1	09/22/14 21:54	09/24/14 20:24	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-15 Date Collected: 09/18/14 10:00

Client ID: SB-10 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8100		mg/kg	4.1	0.82	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.33	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Arsenic, Total	0.84		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Barium, Total	48		mg/kg	0.41	0.12	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20		mg/kg	0.20	0.04	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.41	0.03	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Calcium, Total	960		mg/kg	4.1	1.2	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.41	0.08	1	09/22/14 21:54	09/25/14 21:42	EPA 3050B	1,6010C	JH
Cobalt, Total	6.8		mg/kg	0.82	0.20	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Copper, Total	20		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	2.0	0.82	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Lead, Total	4.1		mg/kg	2.0	0.08	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	4.1	0.41	1	09/22/14 21:54	09/25/14 21:42	EPA 3050B	1,6010C	JH
Manganese, Total	200		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:25	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Potassium, Total	1600		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.82	0.12	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.41	0.08	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Sodium, Total	85		mg/kg	82	12.	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.82	0.16	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Vanadium, Total	22		mg/kg	0.41	0.04	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH
Zinc, Total	34		mg/kg	2.0	0.28	1	09/22/14 21:54	09/24/14 20:28	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-16 Date Collected: 09/18/14 10:00

Client ID: SB-10 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9000		mg/kg	4.2	0.83	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Arsenic, Total	0.92		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Barium, Total	66		mg/kg	0.42	0.12	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Calcium, Total	1700		mg/kg	4.2	1.2	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.42	0.08	1	09/22/14 21:54	09/25/14 21:45	EPA 3050B	1,6010C	JH
Cobalt, Total	7.2		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Copper, Total	24		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Iron, Total	12000		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Lead, Total	3.4		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	4.2	0.42	1	09/22/14 21:54	09/25/14 21:45	EPA 3050B	1,6010C	JH
Manganese, Total	260		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/19/14 22:07	09/22/14 12:27	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Potassium, Total	1600		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Sodium, Total	89		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.17	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Vanadium, Total	23		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH
Zinc, Total	23		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 20:32	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-17 Date Collected: 09/18/14 12:00

Client ID: SB-11 (0-2) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9400		mg/kg	4.2	0.83	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.33	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Arsenic, Total	3.0		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Barium, Total	110		mg/kg	0.42	0.12	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Beryllium, Total	0.29		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Cadmium, Total	0.05	J	mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Calcium, Total	33000		mg/kg	4.2	1.2	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Chromium, Total	8.4		mg/kg	0.42	0.08	1	09/22/14 21:54	09/25/14 21:49	EPA 3050B	1,6010C	JH
Cobalt, Total	4.5		mg/kg	0.83	0.21	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Copper, Total	20		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Iron, Total	9600		mg/kg	2.1	0.83	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Lead, Total	39		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Magnesium, Total	3400		mg/kg	4.2	0.42	1	09/22/14 21:54	09/25/14 21:49	EPA 3050B	1,6010C	JH
Manganese, Total	130		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Mercury, Total	0.09		mg/kg	0.07	0.02	1	09/19/14 22:07	09/22/14 12:29	EPA 7471B	1,7471B	MC
Nickel, Total	6.3		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Potassium, Total	1700		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Sodium, Total	720		mg/kg	83	12.	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.83	0.17	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Vanadium, Total	27		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 20:36	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-18 Date Collected: 09/18/14 12:00

Client ID: SB-11 (2-4) Date Received: 09/18/14

Sample Location: 1544 BOONE AVE., BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9500		mg/kg	4.2	0.84	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Antimony, Total	ND		mg/kg	2.1	0.34	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Arsenic, Total	0.87		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Barium, Total	55		mg/kg	0.42	0.13	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Beryllium, Total	0.21		mg/kg	0.21	0.04	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Calcium, Total	2900		mg/kg	4.2	1.3	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Chromium, Total	16		mg/kg	0.42	0.08	1	09/22/14 21:54	09/25/14 21:53	EPA 3050B	1,6010C	JH
Cobalt, Total	6.0		mg/kg	0.84	0.21	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Copper, Total	25		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Iron, Total	13000		mg/kg	2.1	0.84	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Lead, Total	2.9		mg/kg	2.1	0.08	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Magnesium, Total	1800		mg/kg	4.2	0.42	1	09/22/14 21:54	09/25/14 21:53	EPA 3050B	1,6010C	JH
Manganese, Total	280		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/19/14 22:07	09/22/14 12:30	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	1.0	0.17	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Potassium, Total	1700		mg/kg	100	17.	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.84	0.13	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Sodium, Total	87		mg/kg	84	13.	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Thallium, Total	ND		mg/kg	0.84	0.17	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Vanadium, Total	24		mg/kg	0.42	0.04	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH
Zinc, Total	22		mg/kg	2.1	0.29	1	09/22/14 21:54	09/24/14 20:39	EPA 3050B	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-18 Batch: WG723437-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/19/14 22:07	09/22/14 13:02	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-18 Batch: WG724264-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Antimony, Total	ND		mg/kg	2.0	0.32	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Arsenic, Total	ND		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Calcium, Total	ND		mg/kg	4.0	1.2	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Cobalt, Total	ND		mg/kg	0.80	0.20	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Copper, Total	0.14	J	mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Iron, Total	ND		mg/kg	2.0	0.80	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Potassium, Total	ND		mg/kg	100	16.	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Sodium, Total	ND		mg/kg	80	12.	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Thallium, Total	ND		mg/kg	0.80	0.16	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Vanadium, Total	ND		mg/kg	0.40	0.04	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	09/22/14 21:54	09/24/14 17:13	1,6010C	JH

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 Batch: WG723437-2 SRM Lot Number: D083-540								
Mercury, Total	100		-		75-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 Batch: WG724264-2 SRM Lot Number: D083-540					
Aluminum, Total	79	-	51-148	-	
Antimony, Total	155	-	1-210	-	
Arsenic, Total	98	-	78-122	-	
Barium, Total	96	-	82-117	-	
Beryllium, Total	96	-	82-118	-	
Cadmium, Total	91	-	82-118	-	
Calcium, Total	94	-	82-118	-	
Chromium, Total	92	-	79-121	-	
Cobalt, Total	94	-	83-117	-	
Copper, Total	95	-	80-120	-	
Iron, Total	99	-	47-153	-	
Lead, Total	93	-	81-119	-	
Magnesium, Total	93	-	75-124	-	
Manganese, Total	95	-	81-119	-	
Nickel, Total	92	-	82-118	-	
Potassium, Total	96	-	70-130	-	
Selenium, Total	102	-	78-123	-	
Silver, Total	94	-	74-125	-	
Sodium, Total	93	-	70-130	-	
Thallium, Total	95	-	78-122	-	
Vanadium, Total	95	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 Batch: WG724264-2 SRM Lot Number: D083-540					
Zinc, Total	92	-	80-121	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG723437-4 QC Sample: L1421851-01 Client ID: SB-1 (0-2)												
Mercury, Total	0.02J	0.139	0.17	**122**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG724264-4 QC Sample: L1421969-01 Client ID: MS Sample										
Aluminum, Total	130	436	890	**174**	Q	-	-	75-125	-	20
Antimony, Total	ND	109	120	110		-	-	75-125	-	20
Arsenic, Total	0.75J	26.2	29	111		-	-	75-125	-	20
Barium, Total	5.3	436	470	106		-	-	75-125	-	20
Beryllium, Total	ND	10.9	11	101		-	-	75-125	-	20
Cadmium, Total	ND	11.1	13	117		-	-	75-125	-	20
Calcium, Total	410	2180	3700	**151**	Q	-	-	75-125	-	20
Chromium, Total	ND	43.6	46	105		-	-	75-125	-	20
Cobalt, Total	ND	109	110	101		-	-	75-125	-	20
Copper, Total	2.7	54.5	63	111		-	-	75-125	-	20
Iron, Total	360	218	1100	**339**	Q	-	-	75-125	-	20
Lead, Total	5.7J	111	130	117		-	-	75-125	-	20
Magnesium, Total	82.	2180	2500	111		-	-	75-125	-	20
Manganese, Total	4.6	109	120	106		-	-	75-125	-	20
Nickel, Total	ND	109	110	101		-	-	75-125	-	20
Potassium, Total	370J	2180	3400	**156**	Q	-	-	75-125	-	20
Selenium, Total	ND	26.2	30	115		-	-	75-125	-	20
Silver, Total	ND	65.4	74	113		-	-	75-125	-	20
Sodium, Total	58000	2180	70000	**550**	Q	-	-	75-125	-	20
Thallium, Total	ND	26.2	25	96		-	-	75-125	-	20
Vanadium, Total	1.0J	109	120	110		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG724264-4 QC Sample: L1421969-01 Client ID: MS Sample									
Zinc, Total	8.5J	109	130	119	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG723437-3 QC Sample: L1421851-01 Client ID: SB-1 (0-2)						
Mercury, Total	0.02J	0.03J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG724264-3 QC Sample: L1421969-01 Client ID: DUP Sample						
Aluminum, Total	130	1300	mg/kg	**164**	Q	20
Antimony, Total	ND	8.0J	mg/kg	NC		20
Arsenic, Total	0.75J	ND	mg/kg	NC		20
Barium, Total	5.3	55	mg/kg	**165**	Q	20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	ND	7.3	mg/kg	NC		20
Calcium, Total	410	6400	mg/kg	**176**	Q	20
Chromium, Total	ND	3.6	mg/kg	NC		20
Cobalt, Total	ND	1.3J	mg/kg	NC		20
Copper, Total	2.7	20	mg/kg	**152**	Q	20
Iron, Total	360	4000	mg/kg	**167**	Q	20
Lead, Total	5.7J	66	mg/kg	NC		20
Magnesium, Total	82.	540	mg/kg	**147**	Q	20
Manganese, Total	4.6	43	mg/kg	**161**	Q	20
Nickel, Total	ND	5.0J	mg/kg	NC		20
Potassium, Total	370J	550	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	58000	57000	mg/kg	2		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG724264-3 QC Sample: L1421969-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	1.0J	20	mg/kg	NC	20
Zinc, Total	8.5J	79	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-01
Client ID: SB-1 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	20		mg/kg	0.86	0.86	1	-	09/25/14 13:23	107,-	JO
Solids, Total	92.8		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.98	0.23	1	09/19/14 14:43	09/22/14 12:04	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	09/22/14 18:15	09/24/14 18:14	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-02
Client ID: SB-1 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	18		mg/kg	0.85	0.85	1	-	09/25/14 13:23	107,-	JO
Solids, Total	93.7		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	0.25	J	mg/kg	0.98	0.23	1	09/19/14 14:43	09/22/14 12:05	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.85	0.17	1	09/22/14 18:15	09/24/14 18:14	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-03
Client ID: SB-2 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:45
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	23		mg/kg	0.84	0.84	1	-	09/25/14 13:23	107,-	JO
Solids, Total	95.0		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	0.30	J	mg/kg	1.0	0.24	1	09/19/14 14:43	09/22/14 12:06	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	09/22/14 18:15	09/24/14 18:15	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-04
Client ID: SB-3 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:45
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	25		mg/kg	0.83	0.83	1	-	09/25/14 13:23	107,-	JO
Solids, Total	96.7		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	0.97	J	mg/kg	1.0	0.24	1	09/19/14 14:43	09/22/14 12:08	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.83	0.16	1	09/22/14 18:15	09/24/14 18:15	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-05
Client ID: SB-4 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 13:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	12		mg/kg	0.91	0.91	1	-	09/25/14 13:23	107,-	JO
Solids, Total	88.2		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	0.77	J	mg/kg	1.1	0.25	1	09/19/14 14:43	09/22/14 12:09	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.91	0.18	1	09/22/14 18:15	09/24/14 18:15	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-06
Client ID: SB-4 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 13:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	19		mg/kg	0.92	0.92	1	-	09/25/14 13:23	107,-	JO
Solids, Total	86.4		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.26	1	09/19/14 14:43	09/22/14 12:10	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	09/22/14 18:15	09/24/14 18:16	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-07
Client ID: SB-6 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	30		mg/kg	0.91	0.91	1	-	09/25/14 13:23	107,-	JO
Solids, Total	87.8		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	09/19/14 14:43	09/22/14 12:10	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.91	0.18	1	09/22/14 18:15	09/24/14 18:16	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-08
Client ID: SB-6 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 09:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.87	0.87	1	-	09/25/14 13:23	107,-	JO
Solids, Total	92.3		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.99	0.23	1	09/19/14 14:43	09/22/14 12:11	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.87	0.17	1	09/22/14 18:15	09/24/14 18:17	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-09
Client ID: SB-7 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 11:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	9.6		mg/kg	0.84	0.84	1	-	09/25/14 13:23	107,-	JO
Solids, Total	94.9		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	09/22/14 18:15	09/24/14 18:17	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-10
Client ID: SB-7 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 11:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	12		mg/kg	0.84	0.84	1	-	09/25/14 13:23	107,-	JO
Solids, Total	94.8		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	09/22/14 18:15	09/24/14 18:28	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-11
Client ID: SB-8 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 11:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	29		mg/kg	0.94	0.94	1	-	09/25/14 13:23	107,-	JO
Solids, Total	84.6		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.26	1	09/19/14 20:30	09/22/14 13:22	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	09/22/14 18:15	09/24/14 18:29	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-12
Client ID: SB-8 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 11:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	21		mg/kg	0.91	0.91	1	-	09/25/14 13:23	107,-	JO
Solids, Total	87.9		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	09/19/14 20:30	09/22/14 13:23	1,9010C/9012B	JO
Chromium, Hexavalent	0.47	J	mg/kg	0.91	0.18	1	09/22/14 18:15	09/24/14 18:30	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-13
Client ID: SB-9 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 10:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	22		mg/kg	0.86	0.86	1	-	09/25/14 13:23	107,-	JO
Solids, Total	92.5		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:24	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	09/22/14 18:15	09/24/14 18:30	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-14
Client ID: SB-9 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 10:30
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	26		mg/kg	0.82	0.82	1	-	09/29/14 10:15	107,-	JO
Solids, Total	97.7		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.23	1	09/19/14 20:30	09/22/14 13:24	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.82	0.16	1	09/22/14 18:15	09/24/14 18:31	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-15
Client ID: SB-10 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 10:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	13		mg/kg	0.84	0.84	1	-	09/29/14 10:15	107,-	JO
Solids, Total	95.3		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:27	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	09/22/14 18:15	09/24/14 18:31	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-16
Client ID: SB-10 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 10:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.85	0.85	1	-	09/29/14 10:15	107,-	JO
Solids, Total	94.1		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:28	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.85	0.17	1	09/22/14 18:15	09/24/14 18:32	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-17
Client ID: SB-11 (0-2)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 12:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	8.4		mg/kg	0.88	0.88	1	-	09/29/14 10:15	107,-	JO
Solids, Total	91.0		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	0.39	J	mg/kg	1.0	0.24	1	09/19/14 20:30	09/22/14 13:28	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.88	0.18	1	09/22/14 18:15	09/24/14 18:33	1,7196A	JT

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

SAMPLE RESULTS

Lab ID: L1421851-18
Client ID: SB-11 (2-4)
Sample Location: 1544 BOONE AVE., BRONX, NY
Matrix: Soil

Date Collected: 09/18/14 12:00
Date Received: 09/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.86	0.86	1	-	09/29/14 10:15	107,-	JO
Solids, Total	93.4		%	0.100	NA	1	-	09/19/14 01:24	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.25	1	09/19/14 20:30	09/22/14 13:29	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	09/22/14 18:15	09/24/14 18:33	1,7196A	JT

Project Name: 7194-01-04-4001 **Lab Number:** L1421851

Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

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): 01-08 Batch: WG723635-1										
Cyanide, Total	ND		mg/kg	0.87	0.20	1	09/19/14 14:43	09/22/14 11:59	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 09-18 Batch: WG723740-1										
Cyanide, Total	ND		mg/kg	0.94	0.22	1	09/19/14 20:30	09/22/14 13:17	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG724213-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	09/22/14 18:15	09/24/14 18:13	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 10-18 Batch: WG724214-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	09/22/14 18:15	09/24/14 18:26	1,7196A	JT

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG723635-2 WG723635-3								
Cyanide, Total	**134**	Q	89		80-120	**39**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 09-18 Batch: WG723740-2 WG723740-3								
Cyanide, Total	112		93		80-120	17		35
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG724213-2								
Chromium, Hexavalent	104		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 10-18 Batch: WG724214-2								
Chromium, Hexavalent	104		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

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): 01-08 QC Batch ID: WG723635-4 WG723635-5 QC Sample: L1421369-05 Client ID: MS Sample												
Cyanide, Total	ND	10	10	96		10	98		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 09-18 QC Batch ID: WG723740-4 WG723740-5 QC Sample: L1421851-18 Client ID: SB-11 (2-4)												
Cyanide, Total	ND	10	10	98		6.8	99		65-135	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG724213-4 QC Sample: L1421851-09 Client ID: SB-7 (0-2)												
Chromium, Hexavalent	ND	1160	910	79		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 10-18 QC Batch ID: WG724214-4 QC Sample: L1421851-18 Client ID: SB-11 (2-4)												
Chromium, Hexavalent	ND	1260	1300	100		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-18 QC Batch ID: WG723412-1 QC Sample: L1421858-01 Client ID: DUP Sample						
Solids, Total	96.4	91.9	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG724213-6 QC Sample: L1421851-09 Client ID: SB-7 (0-2)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 10-18 QC Batch ID: WG724214-6 QC Sample: L1421851-18 Client ID: SB-11 (2-4)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-01B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-02B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Lab Number: L1421851
Report Date: 09/29/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-03B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-04B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-05B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Report Date: 09/29/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-06B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-07B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-08B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Lab Number: L1421851
Report Date: 09/29/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-09B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-10B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-11B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-12B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-13B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-14B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1421851
Report Date: 09/29/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-15B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-16B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1421851-17B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Project Number: 7194-01-04-4001

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Report Date: 09/29/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1421851-18B	Amber 250ml unpreserved	A	N/A	2.3	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),NYTCL-8260(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

Container Comments

L1421851-07B

*Values in parentheses indicate holding time in days

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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.
NI	- Not Ignitable.
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.

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 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.

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

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

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Project Number: 7194-01-04-4001 **Report Date:** 09/29/14

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

107 Alpha Analytical - In-house calculation method.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
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.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF**.

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

CHAIN OF CUSTODY

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LAB NAME: ALPHA L1421851

RECEIVED DATE: 9/18/14

Serial_No:09291415-46

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: B. Hernandez
Phone #: 631-269-8800 Fax #: 631-269-1599
E-mail: bhernandez@impactenvironmental.com

Project Information

Project Name:
Street: 1544 Boone Ave
City: Bronx State: NY Zip:
Project #: 7194-01-04-4001
Sampler's Name: B. Hernandez
Sampler's Signature: [signature]

Sample Information / Sample Collection / Sample Containers

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	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 NRDCSR)*	GP82 Analysis	VOCs 8260 (CP51 Analite List)
2829-01	1 SB-1 (0-2)		S	G	9/18/14	900	2		X				X			X		
-02	2 SB-1 (2-4)					900												
-03	3 SB-2 (2-4)					945												
-04	4 SB-3 (0-2)					945												
-05	5 SB-4 (0-2)					1330												
-06	6 SB-4 (2-4)					1330												
-07	7 SB-6 (0-2)					930												
-08	8 SB-6 (2-4)					930												
-09	9 SB-7 (0-2)					1130												
-10	10 SB-7 (2-4)					1130												

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
- [x] 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 & TPH. ***Package C (proprietary)-Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

* NY PART 375 LIST ONLY

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 Bryan Hernandez	1 9/18/14 1447	1 [signature] AAL	2 [signature]	2 9-18-14 1820	2 Tom Tober 9-18-14 1820
Relinquished by: 3 Tom Tober	Date / Time: 9-18-14 23:00	Received By: 3 [signature]	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 5			

COOLER INFORMATION

Cooler Temp:_____ pH:_____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach Information)

Form SS-2/Nov. 2013

CHAIN OF CUSTODY

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

Page 2 of 2

LAB NAME: ALPHA L1421851

RECEIVED DATE: 9/18/14

Serial_No:09291415546

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: B. HERNANDEZ
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: bhernandez@impactenvironmental.com

Project Information

Project Name:
Street: 1544 BOONE AVE
City: BRONX **State:** NY **Zip:**
Project #: 7194-01-04-4001
Sampler's Name: B. HERNANDEZ
Sampler's Signature:

Sample Information / Sample Collection / Sample Containers / Analytical Information

Number of Each Preserved Bottle

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	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 Analite List)						(LAB USE ONLY)
	1 SB-8 (0-2)		S	G	9/18/14	1100	2		X				X			X								
	2 SB-8 (2-4)					1100																		
	3 SB-9 (0-2)					1030																		
	4 SB-9 (2-4)					1030																		
	5 SB-10 (0-2)					1000																		
	6 SB-10 (2-4)					1000																		
	7 SB-11 (0-2)					1200																		
	8 SB-11 (2-4)					1200																		
	9																							
	10																							

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

Turnaround Time (Business Days)

Standard Service
- [x] 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 & TPH. ***Package C (proprietary)-Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:
* NY PART 375 LIST ONLY

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 [signature]	1 9/18/14 1447	1 [signature] ARL	2 [signature]	9-18-14	2
Relinquished by: 3	Date / Time: 3 9/18/14 23:00	Received By: 3 [signature]	Relinquished By: 4	Date / Time: 4	Received By: 4
Relinquished by: 5	Date / Time: 5	Received By: 5			

COOLER INFORMATION
Cooler Temp:_____ pH:_____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach Information)

Form SS-2/Nov. 2013

ANALYTICAL REPORT

Lab Number:	L1422737
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	7194-01-04-4001
Project Number:	7194-01-04-4001
Report Date:	10/03/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1422737-01	SB-5 (0-2')	SOIL	1544 BOONE AVE. BRONX, NY	09/26/14 09:00	09/26/14
L1422737-02	SB-5 (2-4')	SOIL	1544 BOONE AVE. BRONX, NY	09/26/14 09:00	09/26/14

Project Name: 7194-01-04-4001 **Lab Number:** L1422737
Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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: 7194-01-04-4001 **Lab Number:** L1422737
Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

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.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L1422737-01 has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1422737-01 and -02 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG726872-4 MS recovery, performed on L1422737-01, is outside the acceptance criteria for mercury (158%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG726955-3 LCSD recovery (78%), associated with L1422737-01 and -02, is below 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: Cristin Walker

Title: Technical Director/Representative Date: 10/03/14

ORGANICS

VOLATILES

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-01	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (0-2')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	10/02/14 15:24		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.20	1
o-Xylene	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.2	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.15	1

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-01 Date Collected: 09/26/14 09:00

Client ID: SB-5 (0-2') Date Received: 09/26/14

Sample Location: 1544 BOONE AVE. BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	101		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-02	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (2-4')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	10/02/14 15:50		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Acetone	4.8	J	ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.12	1
tert-Butylbenzene	ND		ug/kg	5.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.11	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.14	1

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-02 Date Collected: 09/26/14 09:00

Client ID: SB-5 (2-4') Date Received: 09/26/14

Sample Location: 1544 BOONE AVE. BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dioxane	ND		ug/kg	100	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/14 09:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					
Methylene chloride	3.3	J	ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	0.32	J	ug/kg	1.0	0.13
Vinyl chloride	ND		ug/kg	2.0	0.12
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	1.2	J	ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Acetone	1.7	J	ug/kg	10	1.0
2-Butanone	ND		ug/kg	10	0.27
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/14 09:08
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG727775-3					
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG727775-1 WG727775-2								
Methylene chloride	101		79		70-130	24		30
1,1-Dichloroethane	93		87		70-130	7		30
Chloroform	92		86		70-130	7		30
Carbon tetrachloride	85		76		70-130	11		30
1,2-Dichloropropane	90		86		70-130	5		30
Dibromochloromethane	85		83		70-130	2		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	86		79		70-130	8		30
Chlorobenzene	90		85		70-130	6		30
Trichlorofluoromethane	112		94		70-139	17		30
1,2-Dichloroethane	99		94		70-130	5		30
1,1,1-Trichloroethane	91		82		70-130	10		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	96		94		70-130	2		30
cis-1,3-Dichloropropene	89		87		70-130	2		30
1,1-Dichloropropene	89		80		70-130	11		30
Bromoform	89		86		70-130	3		30
1,1,2,2-Tetrachloroethane	102		97		70-130	5		30
Benzene	85		78		70-130	9		30
Toluene	89		82		70-130	8		30
Ethylbenzene	97		87		70-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG727775-1 WG727775-2								
Chloromethane	106		96		52-130	10		30
Bromomethane	143		124		57-147	14		30
Vinyl chloride	108		94		67-130	14		30
Chloroethane	109		98		50-151	11		30
1,1-Dichloroethene	86		77		65-135	11		30
trans-1,2-Dichloroethene	83		77		70-130	8		30
Trichloroethene	88		79		70-130	11		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	92		87		70-130	6		30
1,4-Dichlorobenzene	90		87		70-130	3		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	92		79		70-130	15		30
o-Xylene	90		76		70-130	17		30
cis-1,2-Dichloroethene	86		80		70-130	7		30
Dibromomethane	90		86		70-130	5		30
Styrene	90		80		70-130	12		30
Dichlorodifluoromethane	78		67		30-146	15		30
Acetone	118		112		54-140	5		30
Carbon disulfide	87		80		59-130	8		30
2-Butanone	110		103		70-130	7		30
Vinyl acetate	107		105		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG727775-1 WG727775-2								
4-Methyl-2-pentanone	90		90		70-130	0		30
1,2,3-Trichloropropane	103		98		68-130	5		30
2-Hexanone	110		106		70-130	4		30
Bromochloromethane	86		81		70-130	6		30
2,2-Dichloropropane	94		83		70-130	12		30
1,2-Dibromoethane	89		89		70-130	0		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	91		85		70-130	7		30
Bromobenzene	94		88		70-130	7		30
n-Butylbenzene	93		88		70-130	6		30
sec-Butylbenzene	91		82		70-130	10		30
tert-Butylbenzene	92		82		70-130	11		30
o-Chlorotoluene	100		89		70-130	12		30
p-Chlorotoluene	100		92		70-130	8		30
1,2-Dibromo-3-chloropropane	92		90		68-130	2		30
Hexachlorobutadiene	90		78		67-130	14		30
Isopropylbenzene	91		78		70-130	15		30
p-Isopropyltoluene	91		82		70-130	10		30
Naphthalene	88		84		70-130	5		30
Acrylonitrile	104		99		70-130	5		30
Isopropyl Ether	106		102		66-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG727775-1 WG727775-2								
tert-Butyl Alcohol	85		86		70-130	1		30
n-Propylbenzene	98		86		70-130	13		30
1,2,3-Trichlorobenzene	96		90		70-130	6		30
1,2,4-Trichlorobenzene	96		88		70-130	9		30
1,3,5-Trimethylbenzene	94		84		70-130	11		30
1,2,4-Trimethylbenzene	92		85		70-130	8		30
Methyl Acetate	109		108		51-146	1		30
Ethyl Acetate	107		95		70-130	12		30
Acrolein	**262**	Q	107		70-130	**84**	Q	30
Cyclohexane	92		80		59-142	14		30
1,4-Dioxane	90		90		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	89		80		50-139	11		30
1,4-Diethylbenzene	80		74		70-130	8		30
4-Ethyltoluene	84		74		70-130	13		30
1,2,4,5-Tetramethylbenzene	82		76		70-130	8		30
Tetrahydrofuran	105		102		66-130	3		30
Ethyl ether	119		107		67-130	11		30
trans-1,4-Dichloro-2-butene	100		91		70-130	9		30
Methyl cyclohexane	86		75		70-130	14		30
Ethyl-Tert-Butyl-Ether	95		93		70-130	2		30
Tertiary-Amyl Methyl Ether	90		87		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG727775-1 WG727775-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		113		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	114		109		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-01 D	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (0-2')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	10/01/14 08:54
Analytical Date:	10/02/14 23:40		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	290	76.	2
Hexachlorobenzene	ND		ug/kg	220	68.	2
Fluoranthene	1500		ug/kg	220	67.	2
Naphthalene	ND		ug/kg	370	120	2
Benzo(a)anthracene	720		ug/kg	220	72.	2
Benzo(a)pyrene	680		ug/kg	290	90.	2
Benzo(b)fluoranthene	900		ug/kg	220	74.	2
Benzo(k)fluoranthene	310		ug/kg	220	70.	2
Chrysene	800		ug/kg	220	72.	2
Acenaphthylene	170	J	ug/kg	290	69.	2
Anthracene	290		ug/kg	220	61.	2
Benzo(ghi)perylene	490		ug/kg	290	76.	2
Fluorene	110	J	ug/kg	370	100	2
Phenanthrene	1200		ug/kg	220	72.	2
Dibenzo(a,h)anthracene	120	J	ug/kg	220	71.	2
Indeno(1,2,3-cd)pyrene	520		ug/kg	290	82.	2
Pyrene	1300		ug/kg	220	71.	2
Dibenzofuran	ND		ug/kg	370	120	2
Pentachlorophenol	ND		ug/kg	290	79.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	120	2

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-01 D Date Collected: 09/26/14 09:00

Client ID: SB-5 (0-2') Date Received: 09/26/14

Sample Location: 1544 BOONE 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	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	60		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-02	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (2-4')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	10/01/14 08:54
Analytical Date:	10/03/14 00:05		
Analyst:	RC		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Fluoranthene	220		ug/kg	100	32.	1
Naphthalene	ND		ug/kg	170	58.	1
Benzo(a)anthracene	98	J	ug/kg	100	34.	1
Benzo(a)pyrene	100	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	150		ug/kg	100	35.	1
Benzo(k)fluoranthene	45	J	ug/kg	100	33.	1
Chrysene	120		ug/kg	100	34.	1
Acenaphthylene	41	J	ug/kg	140	32.	1
Anthracene	29	J	ug/kg	100	29.	1
Benzo(ghi)perylene	76	J	ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	120		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	79	J	ug/kg	140	39.	1
Pyrene	180		ug/kg	100	34.	1
Dibenzofuran	ND		ug/kg	170	58.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	52.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-02 Date Collected: 09/26/14 09:00

Client ID: SB-5 (2-4') Date Received: 09/26/14

Sample Location: 1544 BOONE 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	72		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	79		18-120

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/02/14 20:17
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/01/14 08:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG726944-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	98	30.
Fluoranthene	ND		ug/kg	98	30.
Naphthalene	ND		ug/kg	160	54.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Dibenzofuran	ND		ug/kg	160	54.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	54.

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/02/14 20:17
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/01/14 08:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG726944-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726944-2 WG726944-3								
Acenaphthene	69		73		31-137	6		50
Benzidine	34		33			3		50
n-Nitrosodimethylamine	64		69			8		50
1,2,4-Trichlorobenzene	71		75		38-107	5		50
Hexachlorobenzene	74		74		40-140	0		50
Bis(2-chloroethyl)ether	68		69		40-140	1		50
2-Chloronaphthalene	76		77		40-140	1		50
1,2-Dichlorobenzene	69		72		40-140	4		50
1,3-Dichlorobenzene	69		73		40-140	6		50
1,4-Dichlorobenzene	69		72		28-104	4		50
3,3'-Dichlorobenzidine	67		66		40-140	2		50
2,4-Dinitrotoluene	74		74		28-89	0		50
2,6-Dinitrotoluene	80		80		40-140	0		50
Fluoranthene	74		74		40-140	0		50
4-Chlorophenyl phenyl ether	70		72		40-140	3		50
4-Bromophenyl phenyl ether	72		74		40-140	3		50
Azobenzene	77		76		40-140	1		50
Bis(2-chloroisopropyl)ether	68		70		40-140	3		50
Bis(2-chloroethoxy)methane	73		72		40-117	1		50
Hexachlorobutadiene	69		76		40-140	10		50
Hexachlorocyclopentadiene	90		93		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726944-2 WG726944-3								
Hexachloroethane	66		69		40-140	4		50
Isophorone	74		74		40-140	0		50
Naphthalene	69		72		40-140	4		50
Nitrobenzene	67		68		40-140	1		50
NitrosoDiPhenylAmine(NDPA)/DPA	76		78			3		50
n-Nitrosodi-n-propylamine	78		77		32-121	1		50
Bis(2-Ethylhexyl)phthalate	64		66		40-140	3		50
Butyl benzyl phthalate	74		72		40-140	3		50
Di-n-butylphthalate	69		70		40-140	1		50
Di-n-octylphthalate	68		68		40-140	0		50
Diethyl phthalate	72		72		40-140	0		50
Dimethyl phthalate	70		71		40-140	1		50
Benzo(a)anthracene	68		70		40-140	3		50
Benzo(a)pyrene	67		68		40-140	1		50
Benzo(b)fluoranthene	66		68		40-140	3		50
Benzo(k)fluoranthene	64		65		40-140	2		50
Chrysene	67		67		40-140	0		50
Acenaphthylene	79		78		40-140	1		50
Anthracene	71		73		40-140	3		50
Benzo(ghi)perylene	69		69		40-140	0		50
Fluorene	72		75		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726944-2 WG726944-3								
Phenanthrene	69		71		40-140	3		50
Dibenzo(a,h)anthracene	70		70		40-140	0		50
Indeno(1,2,3-cd)pyrene	70		70		40-140	0		50
Pyrene	74		73		35-142	1		50
Biphenyl	70		73			4		50
Aniline	55		56		40-140	2		50
4-Chloroaniline	78		73		40-140	7		50
2-Nitroaniline	84		82		47-134	2		50
3-Nitroaniline	69		68		26-129	1		50
4-Nitroaniline	74		74		41-125	0		50
Dibenzofuran	73		76		40-140	4		50
2-Methylnaphthalene	76		79		40-140	4		50
1,2,4,5-Tetrachlorobenzene	67		72		40-117	7		50
Acetophenone	76		77		14-144	1		50
2,4,6-Trichlorophenol	86		86		30-130	0		50
P-Chloro-M-Cresol	85		84		26-103	1		50
2-Chlorophenol	78		81		25-102	4		50
2,4-Dichlorophenol	81		82		30-130	1		50
2,4-Dimethylphenol	92		90		30-130	2		50
2-Nitrophenol	81		83		30-130	2		50
4-Nitrophenol	73		73		11-114	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726944-2 WG726944-3								
2,4-Dinitrophenol	33		34		4-130	3		50
4,6-Dinitro-o-cresol	76		77		10-130	1		50
Pentachlorophenol	68		71		17-109	4		50
Phenol	77		76		26-90	1		50
2-Methylphenol	83		82		30-130.	1		50
3-Methylphenol/4-Methylphenol	84		83		30-130	1		50
2,4,5-Trichlorophenol	88		86		30-130	2		50
Benzoic Acid	14		13			7		50
Benzyl Alcohol	78		79		40-140	1		50
Carbazole	74		74		54-128	0		50
Benzaldehyde	70		72			3		50
Caprolactam	70		74			6		50
Atrazine	79		78			1		50
2,3,4,6-Tetrachlorophenol	75		77			3		50
Pyridine	41		44		10-93	7		50
Parathion, ethyl	89		88		40-140	1		50
1-Methylnaphthalene	80		82		26-130	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG726944-2 WG726944-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		76		25-120
Phenol-d6	84		83		10-120
Nitrobenzene-d5	77		76		23-120
2-Fluorobiphenyl	76		75		30-120
2,4,6-Tribromophenol	80		78		0-136
4-Terphenyl-d14	77		75		18-120

PCBS

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-01	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (0-2')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/30/14 11:07
Analytical Date:	10/01/14 17:39	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/30/14
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/30/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	2.91	1	A
Aroclor 1221	ND		ug/kg	36.9	3.40	1	A
Aroclor 1232	ND		ug/kg	36.9	4.32	1	A
Aroclor 1242	ND		ug/kg	36.9	4.51	1	A
Aroclor 1248	ND		ug/kg	36.9	3.11	1	A
Aroclor 1254	ND		ug/kg	36.9	3.03	1	A
Aroclor 1260	24.6	J	ug/kg	36.9	2.81	1	B
Aroclor 1262	ND		ug/kg	36.9	1.83	1	A
Aroclor 1268	59.1		ug/kg	36.9	5.35	1	B
PCBs, Total	83.7	J	ug/kg	36.9	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-02	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (2-4')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/30/14 11:07
Analytical Date:	10/01/14 17:52	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	09/30/14
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	09/30/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	2.70	1	A
Aroclor 1221	ND		ug/kg	34.2	3.16	1	A
Aroclor 1232	ND		ug/kg	34.2	4.01	1	A
Aroclor 1242	ND		ug/kg	34.2	4.19	1	A
Aroclor 1248	ND		ug/kg	34.2	2.89	1	A
Aroclor 1254	ND		ug/kg	34.2	2.82	1	A
Aroclor 1260	ND		ug/kg	34.2	2.61	1	A
Aroclor 1262	ND		ug/kg	34.2	1.70	1	A
Aroclor 1268	ND		ug/kg	34.2	4.96	1	A
PCBs, Total	ND		ug/kg	34.2	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1422737

Report Date: 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/01/14 18:04
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 09/30/14 11:07
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/14
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG726614-1						
Aroclor 1016	ND		ug/kg	32.7	2.58	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.84	A
Aroclor 1242	ND		ug/kg	32.7	4.00	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.49	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.74	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1422737

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG726614-2 WG726614-3									
Aroclor 1016	74		91		40-140	21		50	A
Aroclor 1260	68		80		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		74		30-150	A
Decachlorobiphenyl	55		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		88		30-150	B
Decachlorobiphenyl	67		81		30-150	B

PESTICIDES

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-01	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (0-2')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/30/14 11:52
Analytical Date:	10/01/14 15:42	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/01/14
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	0.530	J	ug/kg	0.889	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Dieldrin	1.01	J	ug/kg	1.11	0.555	1	B
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	ND		ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.352	1	A
cis-Chlordane	0.724	J	ug/kg	2.22	0.619	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	69		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-01	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (0-2')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	10/02/14 00:38
Analytical Date:	10/02/14 17:59		
Analyst:	SS		
Percent Solids:	89%		
Methylation Date:	10/02/14 12:32		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	185	10.2	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	103		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-02	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (2-4')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/30/14 11:52
Analytical Date:	10/01/14 15:55	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/01/14
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.666	0.298	1	A
Alpha-BHC	ND		ug/kg	0.666	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.606	1	A
Heptachlor	1.10	P	ug/kg	0.799	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.563	1	A
Endrin	ND		ug/kg	0.666	0.273	1	A
Dieldrin	ND		ug/kg	0.999	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.370	1	A
4,4'-DDD	ND		ug/kg	1.60	0.570	1	A
4,4'-DDT	1.43	J	ug/kg	3.00	1.28	1	B
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.534	1	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	1	A
cis-Chlordane	1.01	J	ug/kg	2.00	0.557	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID:	L1422737-02	Date Collected:	09/26/14 09:00
Client ID:	SB-5 (2-4')	Date Received:	09/26/14
Sample Location:	1544 BOONE AVE. BRONX, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	10/02/14 00:38
Analytical Date:	10/02/14 18:20		
Analyst:	SS		
Percent Solids:	95%		
Methylation Date:	10/02/14 12:32		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	174	9.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	109		30-150	B

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/01/14 14:26
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 09/30/14 11:52
Cleanup Method: EPA 3620B
Cleanup Date: 10/01/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG726623-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Endrin	ND		ug/kg	0.628	0.258	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	2.83	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	125		30-150	B
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	97		30-150	A

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 10/02/14 16:54
Analyst: SS

Extraction Method: EPA 8151A
Extraction Date: 10/02/14 00:38

Methylation Date: 10/02/14 12:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG727263-1						
2,4,5-TP (Silvex)	ND		ug/kg	162	8.95	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	92		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG726623-2 WG726623-3									
Delta-BHC	89		52		30-150	**52**	Q	30	A
Lindane	98		54		30-150	**58**	Q	30	A
Alpha-BHC	88		48		30-150	**59**	Q	30	A
Beta-BHC	116		64		30-150	**58**	Q	30	A
Heptachlor	97		54		30-150	**57**	Q	30	A
Aldrin	100		53		30-150	**61**	Q	30	A
Heptachlor epoxide	91		53		30-150	**53**	Q	30	A
Endrin	103		59		30-150	**54**	Q	30	A
Endrin ketone	76		47		30-150	**47**	Q	30	A
Dieldrin	100		58		30-150	**53**	Q	30	A
4,4'-DDE	94		54		30-150	**54**	Q	30	A
4,4'-DDD	95		57		30-150	**50**	Q	30	A
4,4'-DDT	93		55		30-150	**51**	Q	30	A
Endosulfan I	91		52		30-150	**55**	Q	30	A
Endosulfan II	83		50		30-150	**50**	Q	30	A
Endosulfan sulfate	82		50		30-150	**48**	Q	30	A
Methoxychlor	77		49		30-150	**44**	Q	30	A
cis-Chlordane	90		52		30-150	**54**	Q	30	A
trans-Chlordane	93		54		30-150	**53**	Q	30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1422737

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG726623-2 WG726623-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		52		30-150	B
Decachlorobiphenyl	100		69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		48		30-150	A
Decachlorobiphenyl	86		59		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1422737

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG727263-2 WG727263-3									
2,4-D	108		94		30-150	14		30	A
2,4,5-T	93		84		30-150	10		30	A
2,4,5-TP (Silvex)	90		81		30-150	11		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	90		78		30-150	A
DCAA	106		84		30-150	B

METALS

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-01 Date Collected: 09/26/14 09:00

Client ID: SB-5 (0-2') Date Received: 09/26/14

Sample Location: 1544 BOONE AVE. BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5300		mg/kg	8.7	1.7	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Antimony, Total	1.0	J	mg/kg	4.4	0.70	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Arsenic, Total	5.9		mg/kg	0.87	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Barium, Total	97		mg/kg	0.87	0.26	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Beryllium, Total	0.27	J	mg/kg	0.44	0.09	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Cadmium, Total	0.64	J	mg/kg	0.87	0.06	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Calcium, Total	32000		mg/kg	8.7	2.6	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Chromium, Total	16		mg/kg	0.87	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Cobalt, Total	4.0		mg/kg	1.7	0.44	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Copper, Total	36		mg/kg	0.87	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Iron, Total	14000		mg/kg	4.4	1.7	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Lead, Total	240		mg/kg	4.4	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Magnesium, Total	3800		mg/kg	8.7	0.87	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Manganese, Total	240		mg/kg	0.87	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Mercury, Total	0.14		mg/kg	0.08	0.02	1	10/01/14 08:54	10/01/14 16:12	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.2	0.35	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Potassium, Total	1000		mg/kg	220	35.	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.7	0.26	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Silver, Total	0.17	J	mg/kg	0.87	0.17	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Sodium, Total	210		mg/kg	170	26.	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.7	0.35	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Vanadium, Total	18		mg/kg	0.87	0.09	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC
Zinc, Total	240		mg/kg	4.4	0.61	2	09/30/14 23:21	10/02/14 15:25	EPA 3050B	1,6010C	BC

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-02 Date Collected: 09/26/14 09:00

Client ID: SB-5 (2-4') Date Received: 09/26/14

Sample Location: 1544 BOONE AVE. BRONX, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	11000		mg/kg	7.8	1.6	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Antimony, Total	3.2	J	mg/kg	3.9	0.63	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Arsenic, Total	3.2		mg/kg	0.78	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Barium, Total	130		mg/kg	0.78	0.24	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Beryllium, Total	0.22	J	mg/kg	0.39	0.08	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Cadmium, Total	0.53	J	mg/kg	0.78	0.06	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Calcium, Total	7900		mg/kg	7.8	2.4	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Chromium, Total	32		mg/kg	0.78	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Cobalt, Total	9.3		mg/kg	1.6	0.39	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Copper, Total	69		mg/kg	0.78	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Iron, Total	20000		mg/kg	3.9	1.6	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Lead, Total	69		mg/kg	3.9	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Magnesium, Total	4000		mg/kg	7.8	0.78	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Manganese, Total	250		mg/kg	0.78	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Mercury, Total	0.06	J	mg/kg	0.07	0.01	1	10/01/14 08:54	10/01/14 16:19	EPA 7471B	1,7471B	MC
Nickel, Total	16		mg/kg	2.0	0.31	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Potassium, Total	5500		mg/kg	200	31.	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Selenium, Total	ND		mg/kg	1.6	0.24	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Silver, Total	0.44	J	mg/kg	0.78	0.16	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Sodium, Total	320		mg/kg	160	24.	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.6	0.31	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Vanadium, Total	39		mg/kg	0.78	0.08	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC
Zinc, Total	230		mg/kg	3.9	0.55	2	09/30/14 23:21	10/02/14 15:57	EPA 3050B	1,6010C	BC

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG726817-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Antimony, Total	ND		mg/kg	2.0	0.32	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Arsenic, Total	0.19	J	mg/kg	0.40	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Barium, Total	ND		mg/kg	0.40	0.12	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Calcium, Total	ND		mg/kg	4.0	1.2	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Chromium, Total	ND		mg/kg	0.40	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Copper, Total	ND		mg/kg	0.40	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Iron, Total	0.85	J	mg/kg	2.0	0.80	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Lead, Total	ND		mg/kg	2.0	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Manganese, Total	0.10	J	mg/kg	0.40	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Nickel, Total	ND		mg/kg	1.0	0.16	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Potassium, Total	ND		mg/kg	100	16.	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Selenium, Total	ND		mg/kg	0.80	0.12	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Silver, Total	ND		mg/kg	0.40	0.08	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Sodium, Total	ND		mg/kg	80	12.	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Thallium, Total	ND		mg/kg	0.80	0.16	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC
Zinc, Total	ND		mg/kg	2.0	0.28	1	09/30/14 23:21	10/02/14 14:16	1,6010C	BC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG726872-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	10/01/14 08:54	10/01/14 16:03	1,7471B	MC

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG726817-2 SRM Lot Number: D083-540								
Aluminum, Total	74		-		51-148	-		
Antimony, Total	172		-		1-210	-		
Arsenic, Total	98		-		78-122	-		
Barium, Total	90		-		82-117	-		
Beryllium, Total	99		-		82-118	-		
Cadmium, Total	93		-		82-118	-		
Calcium, Total	96		-		82-118	-		
Chromium, Total	95		-		79-121	-		
Cobalt, Total	94		-		83-117	-		
Copper, Total	96		-		80-120	-		
Iron, Total	93		-		47-153	-		
Lead, Total	93		-		81-119	-		
Magnesium, Total	86		-		75-124	-		
Manganese, Total	95		-		81-119	-		
Nickel, Total	92		-		82-118	-		
Potassium, Total	88		-		70-130	-		
Selenium, Total	96		-		78-123	-		
Silver, Total	99		-		74-125	-		
Sodium, Total	89		-		70-130	-		
Thallium, Total	95		-		78-122	-		
Vanadium, Total	95		-		65-135	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG726817-2 SRM Lot Number: D083-540					
Zinc, Total	92	-	80-121	-	
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG726872-2 SRM Lot Number: D083-540					
Mercury, Total	100	-	75-126	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726817-4 QC Sample: L1422726-01 Client ID: MS Sample												
Aluminum, Total	5900	172	5900	**0**	Q	-	-		75-125	-		20
Antimony, Total	2.4J	43	41	95		-	-		75-125	-		20
Arsenic, Total	4.0	10.3	14	97		-	-		75-125	-		20
Barium, Total	70.	172	440	**215**	Q	-	-		75-125	-		20
Beryllium, Total	0.30J	4.3	4.3	100		-	-		75-125	-		20
Cadmium, Total	0.23J	4.38	4.5	103		-	-		75-125	-		20
Calcium, Total	14000	859	9500	**0**	Q	-	-		75-125	-		20
Chromium, Total	18.	17.2	34	93		-	-		75-125	-		20
Cobalt, Total	4.8	43	44	91		-	-		75-125	-		20
Copper, Total	32.	21.5	49	79		-	-		75-125	-		20
Iron, Total	13000	85.9	14000	**1160**	Q	-	-		75-125	-		20
Lead, Total	190	43.8	200	**23**	Q	-	-		75-125	-		20
Magnesium, Total	4400	859	3100	**0**	Q	-	-		75-125	-		20
Manganese, Total	250	43	300	116		-	-		75-125	-		20
Nickel, Total	15.	43	53	88		-	-		75-125	-		20
Potassium, Total	890	859	1700	94		-	-		75-125	-		20
Selenium, Total	ND	10.3	9.5	92		-	-		75-125	-		20
Silver, Total	ND	25.8	25	97		-	-		75-125	-		20
Sodium, Total	140J	859	1000	116		-	-		75-125	-		20
Thallium, Total	ND	10.3	8.9	86		-	-		75-125	-		20
Vanadium, Total	20.	43	59	91		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726817-4 QC Sample: L1422726-01 Client ID: MS Sample										
Zinc, Total	140	43	210	**163**	Q	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726872-4 QC Sample: L1422737-01 Client ID: SB-5 (0-2')										
Mercury, Total	0.14	0.145	0.37	**158**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726817-3 QC Sample: L1422726-01 Client ID: DUP Sample						
Aluminum, Total	5900	6000	mg/kg	2		20
Antimony, Total	2.4J	1.8J	mg/kg	NC		20
Arsenic, Total	4.0	4.5	mg/kg	12		20
Barium, Total	70.	90	mg/kg	**25**	Q	20
Beryllium, Total	0.30J	0.33J	mg/kg	NC		20
Cadmium, Total	0.23J	0.28J	mg/kg	NC		20
Calcium, Total	14000	9700	mg/kg	**36**	Q	20
Chromium, Total	18.	20	mg/kg	11		20
Cobalt, Total	4.8	4.8	mg/kg	0		20
Copper, Total	32.	30	mg/kg	6		20
Iron, Total	13000	14000	mg/kg	7		20
Lead, Total	190	140	mg/kg	**30**	Q	20
Magnesium, Total	4400	2500	mg/kg	**55**	Q	20
Manganese, Total	250	290	mg/kg	15		20
Nickel, Total	15.	16	mg/kg	6		20
Potassium, Total	890	840	mg/kg	6		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	0.37J	mg/kg	NC		20
Sodium, Total	140J	210	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726817-3 QC Sample: L1422726-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	20.	19	mg/kg	5	20
Zinc, Total	140	170	mg/kg	19	20
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726872-3 QC Sample: L1422737-01 Client ID: SB-5 (0-2')					
Mercury, Total	0.14	0.16	mg/kg	13	20

INORGANICS
&
MISCELLANEOUS

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-01
Client ID: SB-5 (0-2')
Sample Location: 1544 BOONE AVE. BRONX, NY
Matrix: Soil

Date Collected: 09/26/14 09:00
Date Received: 09/26/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.90	0.90	1	-	10/03/14 13:04	107,-	JO
Solids, Total	89.3		%	0.100	NA	1	-	09/30/14 22:33	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	10/01/14 11:00	10/01/14 17:13	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	10/02/14 13:00	10/02/14 18:01	1,7196A	MD

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

SAMPLE RESULTS

Lab ID: L1422737-02
Client ID: SB-5 (2-4')
Sample Location: 1544 BOONE AVE. BRONX, NY
Matrix: Soil

Date Collected: 09/26/14 09:00
Date Received: 09/26/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	32		mg/kg	0.84	0.84	1	-	10/03/14 13:04	107,-	JO
Solids, Total	95.3		%	0.100	NA	1	-	09/30/14 22:33	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	10/01/14 11:00	10/01/14 17:15	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	10/02/14 13:00	10/02/14 18:04	1,7196A	MD

Project Name: 7194-01-04-4001 **Lab Number:** L1422737

Project Number: 7194-01-04-4001 **Report Date:** 10/03/14

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): 01-02 Batch: WG726955-1										
Cyanide, Total	ND		mg/kg	0.83	0.19	1	10/01/14 11:00	10/01/14 16:57	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG727469-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	10/02/14 13:00	10/02/14 18:00	1,7196A	MD

Lab Control Sample Analysis

Batch Quality Control

Project Name: 7194-01-04-4001

Project Number: 7194-01-04-4001

Lab Number: L1422737

Report Date: 10/03/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG726955-2 WG726955-3								
Cyanide, Total	88		**78**	Q	80-120	12		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG727469-2								
Chromium, Hexavalent	104		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001
Lab Number: L1422737
Report Date: 10/03/14

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): 01-02 QC Batch ID: WG726955-4 WG726955-5 QC Sample: L1422919-01 Client ID: MS Sample												
Cyanide, Total	ND	12	11	95		10	90		65-135	10		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG727469-5 QC Sample: L1422737-01 Client ID: SB-5 (0-2')												
Chromium, Hexavalent	ND	1320	1200	91		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG726815-1 QC Sample: L1422737-01 Client ID: SB-5 (0-2')						
Solids, Total	89.3	88.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG727469-4 QC Sample: L1422737-01 Client ID: SB-5 (0-2')						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 7194-01-04-4001
Project Number: 7194-01-04-4001

Lab Number: L1422737
Report Date: 10/03/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1422737-01A	Glass 250ml unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8260HLW(2),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1422737-01X	Vial MeOH preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1422737-01Y	Vial Water preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1422737-01Z	Vial Water preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1422737-02A	Glass 250ml unpreserved	A	N/A	2.8	Y	Absent	BE-TI(180),NYTCL-8260HLW(2),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1422737-02X	Vial MeOH preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1422737-02Y	Vial Water preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)
L1422737-02Z	Vial Water preserved split	A	N/A	2.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	7194-01-04-4001	**Lab Number:**	L1422737
Project Number:	7194-01-04-4001	**Report Date:**	10/03/14

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.
NI	- Not Ignitable.
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.

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	7194-01-04-4001	**Lab Number:**	L1422737
Project Number:	7194-01-04-4001	**Report Date:**	10/03/14

Data Qualifiers

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:	7194-01-04-4001	**Lab Number:**	L1422737
Project Number:	7194-01-04-4001	**Report Date:**	10/03/14

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

107 Alpha Analytical - In-house calculation method.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
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.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF**.

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

L1422737

CHAIN OF CUSTODY

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

Page 1 of 1

Serial No:10031417 59

LAB NAME: ALPHA

RECEIVED DATE: 9-26-14

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: B Hernandez
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: bhernandez@impactenvironmental.com

Project Information

Project Name:
Street: 1544 Boone Ave
City: Bronx **State:** NY **Zip:**
Project #: 7194-01-04-4001
Sampler's Name: B. Hernandez
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	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 Analite List)	VOCs 8260 (NY PART 375 LIST)	SVOCs/PCB/PEST/HERB	METALS (NY PART 375 LIST)			(LAB USE ONLY)
	1 SB-5 (0-2')		S	G	9/24/14	9AM	1		X										X	X	X			
	2 SB-5 (2-4')		S	G	9/24/14	↓	1		X										X	X	X			
	3																							
	4																							
	5																							
	6																							
	7																							
	8																							
	9																							
	10																							

Sample Containers — Number of Each Preserved Bottle

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

Turnaround Time (Business Days)

Standard Service
- [x] 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 & TPH. ***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 9-26-14	1	2	2 9/26/14 1920	2 9-26-14 1920
Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
3	3 9-26-14 2330	3	4	4	4
Relinquished by:	Date / Time:	Received By:			
5	5	5			

COOLER INFORMATION
Cooler Temp:_____ pH:_____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Form SS-2/Nov. 2013

ANALYTICAL REPORT

Lab Number:	L1424301
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	COMPASS 2
Project Number:	7191-01-04-4001
Report Date:	10/22/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1424301-01	MW-1	WATER	1544 BOONE AVE BRONX, NY	10/13/14 13:30	10/14/14
L1424301-02	MW-2	WATER	1544 BOONE AVE BRONX, NY	10/13/14 12:30	10/14/14
L1424301-03	MW-4	WATER	1544 BOONE AVE BRONX, NY	10/13/14 12:00	10/14/14

Project Name: COMPASS 2 **Lab Number:** L1424301
Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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: COMPASS 2 **Lab Number:** L1424301
Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

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.

Sample Receipt
The samples were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were received beyond the recommended 24 hour holding time required for filtration. The samples were filtered and preserved appropriately.

Semivolatile Organics
L1424301-03 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Pesticides
The surrogate recoveries for L1424301-02 were outside the acceptance criteria for decachlorobiphenyl (26%/23%); however, the criteria was achieved upon re-extraction outside of holding time. The results of both extractions are reported.
The surrogate recoveries for L1424301-03 were outside the acceptance criteria for decachlorobiphenyl (20%/17%); however, the criteria was achieved upon re-extraction outside of holding time. The results of both extractions are reported.

Total Metals
L1424301-01, -02, and -03 have elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Dissolved Metals
L1424301-01, -02, and -03 have elevated detection limits for all elements, with the exception of mercury, due

Project Name: COMPASS 2 **Lab Number:** L1424301
Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Case Narrative (continued)

to the dilution required by matrix interferences encountered during analysis.

The WG732917-1 Method Blank, associated with L1424301-01 through -03, has a concentration above the reporting limit for chromium. The results of the original analyses are reported and are qualified with a "B".

The WG732917-4 MS recoveries for manganese (6%) and sodium (43%), performed on L1424301-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG732917-4 MS recovery, performed on L1424301-01, is outside the acceptance criteria for magnesium (61%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 10/22/14

ORGANICS

VOLATILES

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-01	Date Collected:	10/13/14 13:30
Client ID:	MW-1	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	10/16/14 14:56		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	1.7	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	1.7	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	0.82	J	ug/l	2.5	0.70	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	2.0	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	0.87	J	ug/l	2.0	0.70	1
p-Ethyltoluene	0.75	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	10/16/14 15:24		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.97		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.86		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	104		70-130

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 D
Client ID: MW-4
Sample Location: 1544 BOONE AVE BRONX, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/16/14 14:27
Analyst: PD

Date Collected: 10/13/14 12:00
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	500	140	200
1,1-Dichloroethane	ND		ug/l	500	140	200
Chloroform	ND		ug/l	500	140	200
Carbon tetrachloride	ND		ug/l	100	27.	200
1,2-Dichloropropane	ND		ug/l	200	27.	200
Dibromochloromethane	ND		ug/l	100	30.	200
1,1,2-Trichloroethane	ND		ug/l	300	100	200
Tetrachloroethene	ND		ug/l	100	36.	200
Chlorobenzene	ND		ug/l	500	140	200
Trichlorofluoromethane	ND		ug/l	500	140	200
1,2-Dichloroethane	ND		ug/l	100	26.	200
1,1,1-Trichloroethane	ND		ug/l	500	140	200
Bromodichloromethane	ND		ug/l	100	38.	200
trans-1,3-Dichloropropene	ND		ug/l	100	33.	200
cis-1,3-Dichloropropene	ND		ug/l	100	29.	200
1,3-Dichloropropene, Total	ND		ug/l	100	29.	200
1,1-Dichloropropene	ND		ug/l	500	140	200
Bromoform	ND		ug/l	400	130	200
1,1,2,2-Tetrachloroethane	ND		ug/l	100	29.	200
Benzene	ND		ug/l	100	32.	200
Toluene	ND		ug/l	500	140	200
Ethylbenzene	4000		ug/l	500	140	200
Chloromethane	ND		ug/l	500	140	200
Bromomethane	ND		ug/l	500	140	200
Vinyl chloride	ND		ug/l	200	66.	200
Chloroethane	ND		ug/l	500	140	200
1,1-Dichloroethene	ND		ug/l	100	28.	200
trans-1,2-Dichloroethene	ND		ug/l	500	140	200
Trichloroethene	ND		ug/l	100	35.	200
1,2-Dichlorobenzene	ND		ug/l	500	140	200

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 D Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	500	140	200
1,4-Dichlorobenzene	ND		ug/l	500	140	200
Methyl tert butyl ether	ND		ug/l	500	140	200
p/m-Xylene	16000		ug/l	500	140	200
o-Xylene	2000		ug/l	500	140	200
Xylenes, Total	18000		ug/l	500	140	200
cis-1,2-Dichloroethene	ND		ug/l	500	140	200
1,2-Dichloroethene, Total	ND		ug/l	500	140	200
Dibromomethane	ND		ug/l	1000	200	200
1,2,3-Trichloropropane	ND		ug/l	500	140	200
Acrylonitrile	ND		ug/l	1000	300	200
Styrene	ND		ug/l	500	140	200
Dichlorodifluoromethane	ND		ug/l	1000	200	200
Acetone	ND		ug/l	1000	290	200
Carbon disulfide	ND		ug/l	1000	200	200
2-Butanone	ND		ug/l	1000	390	200
Vinyl acetate	ND		ug/l	1000	200	200
4-Methyl-2-pentanone	ND		ug/l	1000	200	200
2-Hexanone	ND		ug/l	1000	200	200
Bromochloromethane	ND		ug/l	500	140	200
2,2-Dichloropropane	ND		ug/l	500	140	200
1,2-Dibromoethane	ND		ug/l	400	130	200
1,3-Dichloropropane	ND		ug/l	500	140	200
1,1,1,2-Tetrachloroethane	ND		ug/l	500	140	200
Bromobenzene	ND		ug/l	500	140	200
n-Butylbenzene	180	J	ug/l	500	140	200
sec-Butylbenzene	ND		ug/l	500	140	200
tert-Butylbenzene	ND		ug/l	500	140	200
o-Chlorotoluene	ND		ug/l	500	140	200
p-Chlorotoluene	ND		ug/l	500	140	200
1,2-Dibromo-3-chloropropane	ND		ug/l	500	140	200
Hexachlorobutadiene	ND		ug/l	500	140	200
Isopropylbenzene	380	J	ug/l	500	140	200
p-Isopropyltoluene	ND		ug/l	500	140	200
Naphthalene	1900		ug/l	500	140	200
n-Propylbenzene	760		ug/l	500	140	200
1,2,3-Trichlorobenzene	ND		ug/l	500	140	200
1,2,4-Trichlorobenzene	ND		ug/l	500	140	200
1,3,5-Trimethylbenzene	2000		ug/l	500	140	200

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 D Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	6800		ug/l	500	140	200
1,4-Dioxane	ND		ug/l	50000	8200	200
p-Diethylbenzene	1400		ug/l	400	140	200
p-Ethyltoluene	4400		ug/l	400	140	200
1,2,4,5-Tetramethylbenzene	470		ug/l	400	130	200
Ethyl ether	ND		ug/l	500	140	200
trans-1,4-Dichloro-2-butene	ND		ug/l	500	140	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	101		70-130

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/14 10:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731769-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/14 10:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731769-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/14 10:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731769-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	41.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG731769-1 WG731769-2								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	97		98		70-130	1		20
Chloroform	106		108		70-130	2		20
Carbon tetrachloride	93		90		63-132	3		20
1,2-Dichloropropane	97		97		70-130	0		20
Dibromochloromethane	102		106		63-130	4		20
1,1,2-Trichloroethane	113		120		70-130	6		20
Tetrachloroethene	89		93		70-130	4		20
Chlorobenzene	98		98		75-130	0		20
Trichlorofluoromethane	104		100		62-150	4		20
1,2-Dichloroethane	106		107		70-130	1		20
1,1,1-Trichloroethane	98		98		67-130	0		20
Bromodichloromethane	102		103		67-130	1		20
trans-1,3-Dichloropropene	110		116		70-130	5		20
cis-1,3-Dichloropropene	95		96		70-130	1		20
1,1-Dichloropropene	96		95		70-130	1		20
Bromoform	93		98		54-136	5		20
1,1,2,2-Tetrachloroethane	116		115		67-130	1		20
Benzene	96		96		70-130	0		20
Toluene	96		102		70-130	6		20
Ethylbenzene	105		104		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG731769-1 WG731769-2								
Chloromethane	**56**	Q	**55**	Q	64-130	2		20
Bromomethane	44		47		39-139	7		20
Vinyl chloride	78		77		55-140	1		20
Chloroethane	76		72		55-138	5		20
1,1-Dichloroethene	89		89		61-145	0		20
trans-1,2-Dichloroethene	93		92		70-130	1		20
Trichloroethene	92		93		70-130	1		20
1,2-Dichlorobenzene	99		101		70-130	2		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	106		109		63-130	3		20
p/m-Xylene	96		101		70-130	5		20
o-Xylene	97		103		70-130	6		20
cis-1,2-Dichloroethene	97		97		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	116		116		64-130	0		20
Acrylonitrile	117		117		70-130	0		20
Styrene	108		113		70-130	5		20
Dichlorodifluoromethane	56		58		36-147	4		20
Acetone	140		147		58-148	5		20
Carbon disulfide	86		86		51-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG731769-1 WG731769-2								
2-Butanone	128		127		63-138	1		20
Vinyl acetate	112		113		70-130	1		20
4-Methyl-2-pentanone	89		94		59-130	5		20
2-Hexanone	121		128		57-130	6		20
Bromochloromethane	97		98		70-130	1		20
2,2-Dichloropropane	102		96		63-133	6		20
1,2-Dibromoethane	108		111		70-130	3		20
1,3-Dichloropropane	114		119		70-130	4		20
1,1,1,2-Tetrachloroethane	112		112		64-130	0		20
Bromobenzene	81		81		70-130	0		20
n-Butylbenzene	101		101		53-136	0		20
sec-Butylbenzene	90		91		70-130	1		20
tert-Butylbenzene	79		80		70-130	1		20
o-Chlorotoluene	93		92		70-130	1		20
p-Chlorotoluene	91		90		70-130	1		20
1,2-Dibromo-3-chloropropane	99		107		41-144	8		20
Hexachlorobutadiene	91		108		63-130	17		20
Isopropylbenzene	72		74		70-130	3		20
p-Isopropyltoluene	87		87		70-130	0		20
Naphthalene	109		118		70-130	8		20
n-Propylbenzene	84		83		69-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG731769-1 WG731769-2								
1,2,3-Trichlorobenzene	111		125		70-130	12		20
1,2,4-Trichlorobenzene	100		117		70-130	16		20
1,3,5-Trimethylbenzene	94		94		64-130	0		20
1,2,4-Trimethylbenzene	90		91		70-130	1		20
1,4-Dioxane	109		110		56-162	1		20
p-Diethylbenzene	93		92		70-130	1		20
p-Ethyltoluene	92		88		70-130	4		20
1,2,4,5-Tetramethylbenzene	87		91		70-130	4		20
Ethyl ether	101		107		59-134	6		20
trans-1,4-Dichloro-2-butene	**62**	Q	**56**	Q	70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		113		70-130
Toluene-d8	106		110		70-130
4-Bromofluorobenzene	85		84		70-130
Dibromofluoromethane	107		106		70-130

SEMIVOLATILES

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-01	Date Collected:	10/13/14 13:30
Client ID:	MW-1	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	10/16/14 01:02
Analytical Date:	10/21/14 22:29		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	71		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-01	Date Collected:	10/13/14 13:30
Client ID:	MW-1	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	10/16/14 01:03
Analytical Date:	10/18/14 01:45		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	65		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	10/16/14 01:02
Analytical Date:	10/21/14 22:57		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	67		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	10/16/14 01:03
Analytical Date:	10/18/14 02:16		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.06	1
2-Chloronaphthalene	ND		ug/l	0.20	0.07	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.07	1
Naphthalene	ND		ug/l	0.20	0.06	1
Benzo(a)anthracene	ND		ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	ND		ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	ND		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	ND		ug/l	0.20	0.06	1
Phenanthrene	ND		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	ND		ug/l	0.20	0.06	1
2-Methylnaphthalene	ND		ug/l	0.20	0.06	1
Pentachlorophenol	ND		ug/l	0.80	0.19	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.07	1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	64		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03 D2	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	10/16/14 01:03
Analytical Date:	10/21/14 15:12		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	890		ug/l	20	6.4	100
2-Methylnaphthalene	400		ug/l	20	6.0	100

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03 D	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	10/16/14 01:02
Analytical Date:	10/21/14 05:24		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	25	1.0	5
Bis(2-chloroethyl)ether	ND		ug/l	10	2.0	5
1,2-Dichlorobenzene	ND		ug/l	10	1.5	5
1,3-Dichlorobenzene	ND		ug/l	10	1.8	5
1,4-Dichlorobenzene	ND		ug/l	10	1.6	5
3,3'-Dichlorobenzidine	ND		ug/l	25	2.4	5
2,4-Dinitrotoluene	ND		ug/l	25	5.2	5
2,6-Dinitrotoluene	ND		ug/l	25	4.4	5
4-Chlorophenyl phenyl ether	ND		ug/l	10	1.8	5
4-Bromophenyl phenyl ether	ND		ug/l	10	2.1	5
Bis(2-chloroisopropyl)ether	ND		ug/l	10	3.0	5
Bis(2-chloroethoxy)methane	ND		ug/l	25	3.0	5
Hexachlorocyclopentadiene	ND		ug/l	100	2.9	5
Isophorone	ND		ug/l	25	3.9	5
Nitrobenzene	ND		ug/l	10	2.0	5
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	10	1.7	5
n-Nitrosodi-n-propylamine	ND		ug/l	25	3.2	5
Bis(2-Ethylhexyl)phthalate	ND		ug/l	15	4.6	5
Butyl benzyl phthalate	ND		ug/l	25	5.6	5
Di-n-butylphthalate	ND		ug/l	25	3.8	5
Di-n-octylphthalate	ND		ug/l	25	6.0	5
Diethyl phthalate	ND		ug/l	25	2.0	5
Dimethyl phthalate	ND		ug/l	25	1.7	5
Biphenyl	14		ug/l	10	1.2	5
4-Chloroaniline	ND		ug/l	25	4.2	5
2-Nitroaniline	ND		ug/l	25	4.8	5
3-Nitroaniline	ND		ug/l	25	3.3	5
4-Nitroaniline	ND		ug/l	25	4.2	5
Dibenzofuran	ND		ug/l	10	1.1	5
1,2,4,5-Tetrachlorobenzene	ND		ug/l	50	1.8	5

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 D Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acetophenone	ND		ug/l	25	2.1	5
2,4,6-Trichlorophenol	ND		ug/l	25	3.9	5
P-Chloro-M-Cresol	ND		ug/l	10	2.7	5
2-Chlorophenol	ND		ug/l	10	2.9	5
2,4-Dichlorophenol	ND		ug/l	25	2.8	5
2,4-Dimethylphenol	ND		ug/l	25	2.9	5
2-Nitrophenol	ND		ug/l	50	5.2	5
4-Nitrophenol	ND		ug/l	50	5.4	5
2,4-Dinitrophenol	ND		ug/l	100	7.0	5
4,6-Dinitro-o-cresol	ND		ug/l	50	6.8	5
Phenol	ND		ug/l	25	1.4	5
2-Methylphenol	ND		ug/l	25	3.5	5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	3.6	5
2,4,5-Trichlorophenol	ND		ug/l	25	3.7	5
Benzoic Acid	ND		ug/l	250	5.0	5
Benzyl Alcohol	ND		ug/l	10	3.4	5
Carbazole	ND		ug/l	10	1.9	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	21-120
Phenol-d6	12		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	22		10-120
4-Terphenyl-d14	87		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03 D	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	10/16/14 01:03
Analytical Date:	10/21/14 14:42		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.64	10
2-Chloronaphthalene	ND		ug/l	2.0	0.66	10
Fluoranthene	0.82	J	ug/l	2.0	0.43	10
Hexachlorobutadiene	ND		ug/l	5.0	0.71	10
Naphthalene	740	E	ug/l	2.0	0.64	10
Benzo(a)anthracene	ND		ug/l	2.0	0.57	10
Benzo(a)pyrene	ND		ug/l	2.0	0.69	10
Benzo(b)fluoranthene	ND		ug/l	2.0	0.71	10
Benzo(k)fluoranthene	ND		ug/l	2.0	0.68	10
Chrysene	ND		ug/l	2.0	0.49	10
Acenaphthylene	ND		ug/l	2.0	0.50	10
Anthracene	ND		ug/l	2.0	0.63	10
Benzo(ghi)perylene	ND		ug/l	2.0	0.70	10
Fluorene	2.4		ug/l	2.0	0.57	10
Phenanthrene	2.0		ug/l	2.0	0.64	10
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.73	10
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.79	10
Pyrene	0.98	J	ug/l	2.0	0.57	10
2-Methylnaphthalene	420	E	ug/l	2.0	0.60	10
Pentachlorophenol	ND		ug/l	8.0	1.9	10
Hexachlorobenzene	ND		ug/l	8.0	0.14	10
Hexachloroethane	ND		ug/l	8.0	0.65	10

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 D Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	**130**	Q	23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	108		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/14 10:35
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG731494-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/16/14 10:35
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG731494-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	62		41-149

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/14 09:44
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731495-1					
Acenaphthene	ND		ug/l	2.0	0.28
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Benzidine	ND		ug/l	20	5.2
n-Nitrosodimethylamine	ND		ug/l	2.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Azobenzene	ND		ug/l	2.0	0.54
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/14 09:44
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731495-1					
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
Aniline	ND		ug/l	2.0	0.55
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/14 09:44
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731495-1					
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37
Pyridine	ND		ug/l	5.0	0.31
Benzaldehyde	ND		ug/l	5.0	0.99
Caprolactam	ND		ug/l	10	0.39
Atrazine	ND		ug/l	10	0.79
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.59

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/16/14 09:44
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 01:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG731495-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	64		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG731494-2 WG731494-3								
Acenaphthene	58		58		37-111	0		40
2-Chloronaphthalene	57		55		40-140	4		40
Fluoranthene	79		82		40-140	4		40
Hexachlorobutadiene	45		41		40-140	9		40
Naphthalene	54		48		40-140	12		40
Benzo(a)anthracene	80		83		40-140	4		40
Benzo(a)pyrene	78		82		40-140	5		40
Benzo(b)fluoranthene	79		84		40-140	6		40
Benzo(k)fluoranthene	77		80		40-140	4		40
Chrysene	72		76		40-140	5		40
Acenaphthylene	69		64		40-140	8		40
Anthracene	76		74		40-140	3		40
Benzo(ghi)perylene	77		80		40-140	4		40
Fluorene	70		70		40-140	0		40
Phenanthrene	69		70		40-140	1		40
Dibenzo(a,h)anthracene	83		86		40-140	4		40
Indeno(1,2,3-cd)Pyrene	83		87		40-140	5		40
Pyrene	76		78		26-127	3		40
2-Methylnaphthalene	57		53		40-140	7		40
Pentachlorophenol	64		68		9-103	6		40
Hexachlorobenzene	71		72		40-140	1		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG731494-2 WG731494-3								
Hexachloroethane	47		43		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	33		32		21-120
Phenol-d6	23		22		10-120
Nitrobenzene-d5	73		71		23-120
2-Fluorobiphenyl	74		73		15-120
2,4,6-Tribromophenol	85		89		10-120
4-Terphenyl-d14	74		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

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: WG731495-2 WG731495-3								
Acenaphthene	74		72		37-111	3		30
1,2,4-Trichlorobenzene	53		56		39-98	6		30
Benzidine	19		42			**75**	Q	30
n-Nitrosodimethylamine	36		35			3		30
Hexachlorobenzene	84		80		40-140	5		30
Bis(2-chloroethyl)ether	71		72		40-140	1		30
2-Chloronaphthalene	70		69		40-140	1		30
1,2-Dichlorobenzene	53		55		40-140	4		30
1,3-Dichlorobenzene	50		52		40-140	4		30
1,4-Dichlorobenzene	50		51		36-97	2		30
3,3'-Dichlorobenzidine	80		80		40-140	0		30
2,4-Dinitrotoluene	90		87		24-96	3		30
2,6-Dinitrotoluene	82		80		40-140	2		30
Azobenzene	79		79		40-140	0		30
Fluoranthene	80		80		40-140	0		30
4-Chlorophenyl phenyl ether	75		74		40-140	1		30
4-Bromophenyl phenyl ether	82		82		40-140	0		30
Bis(2-chloroisopropyl)ether	71		72		40-140	1		30
Bis(2-chloroethoxy)methane	80		79		40-140	1		30
Hexachlorobutadiene	51		51		40-140	0		30
Hexachlorocyclopentadiene	46		46		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

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: WG731495-2 WG731495-3								
Hexachloroethane	48		49		40-140	2		30
Isophorone	73		73		40-140	0		30
Naphthalene	59		60		40-140	2		30
Nitrobenzene	74		74		40-140	0		30
NitrosoDiPhenylAmine(NDPA)/DPA	79		79		40-140	0		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-Ethylhexyl)phthalate	83		82		40-140	1		30
Butyl benzyl phthalate	85		88		40-140	3		30
Di-n-butylphthalate	85		85		40-140	0		30
Di-n-octylphthalate	85		86		40-140	1		30
Diethyl phthalate	85		84		40-140	1		30
Dimethyl phthalate	82		80		40-140	2		30
Benzo(a)anthracene	82		81		40-140	1		30
Benzo(a)pyrene	77		75		40-140	3		30
Benzo(b)fluoranthene	81		79		40-140	3		30
Benzo(k)fluoranthene	79		82		40-140	4		30
Chrysene	80		80		40-140	0		30
Acenaphthylene	70		70		45-123	0		30
Anthracene	77		78		40-140	1		30
Benzo(ghi)perylene	85		82		40-140	4		30
Fluorene	77		76		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

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: WG731495-2 WG731495-3								
Phenanthrene	78		77		40-140	1		30
Dibenzo(a,h)anthracene	80		79		40-140	1		30
Indeno(1,2,3-cd)Pyrene	82		82		40-140	0		30
Pyrene	78		82		26-127	5		30
Biphenyl	74		74			0		30
Aniline	45		43		40-140	5		30
4-Chloroaniline	90		89		40-140	1		30
2-Nitroaniline	80		79		52-143	1		30
3-Nitroaniline	64		61		25-145	5		30
4-Nitroaniline	77		80		51-143	4		30
Dibenzofuran	75		74		40-140	1		30
2-Methylnaphthalene	66		63		40-140	5		30
1,2,4,5-Tetrachlorobenzene	67		67		2-134	0		30
Acetophenone	76		78		39-129	3		30
2,4,6-Trichlorophenol	84		84		30-130	0		30
P-Chloro-M-Cresol	77		75		23-97	3		30
2-Chlorophenol	63		66		27-123	5		30
2,4-Dichlorophenol	74		76		30-130	3		30
2,4-Dimethylphenol	75		76		30-130	1		30
2-Nitrophenol	78		74		30-130	5		30
4-Nitrophenol	41		40		10-80	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

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: WG731495-2 WG731495-3								
2,4-Dinitrophenol	81		83		20-130	2		30
4,6-Dinitro-o-cresol	87		85		20-164	2		30
Pentachlorophenol	93		92		9-103	1		30
Phenol	24		28		12-110	15		30
2-Methylphenol	60		59		30-130	2		30
3-Methylphenol/4-Methylphenol	57		59		30-130	3		30
2,4,5-Trichlorophenol	84		82		30-130	2		30
Benzoic Acid	24		25			4		30
Benzyl Alcohol	52		55			6		30
Carbazole	81		83		55-144	2		30
Pyridine	20		20		10-66	0		30
Benzaldehyde	86		93		40-140	8		30
Caprolactam	19		17		10-130	11		30
Atrazine	85		88		40-140	3		30
2,3,4,6-Tetrachlorophenol	80		76		54-145	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424301
Report Date: 10/22/14

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: WG731495-2 WG731495-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		46		21-120
Phenol-d6	33		34		10-120
Nitrobenzene-d5	88		94		23-120
2-Fluorobiphenyl	87		87		15-120
2,4,6-Tribromophenol	99		100		10-120
4-Terphenyl-d14	83		87		41-149

PCBS

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-01	Date Collected:	10/13/14 13:30
Client ID:	MW-1	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	10/16/14 16:41
Analytical Date:	10/17/14 17:27	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	10/17/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	10/17/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	55		30-150	B
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	52		30-150	A

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	10/16/14 16:41
Analytical Date:	10/17/14 17:40	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	10/17/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	10/17/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	47		30-150	B
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	45		30-150	A

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	10/16/14 16:41
Analytical Date:	10/17/14 17:53	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	10/17/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	10/17/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	43		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	35		30-150	A

Project Name: COMPASS 2

Project Number: 7191-01-04-4001

Lab Number: L1424301

Report Date: 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/17/14 18:06
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 16:41
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/14
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG731818-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	62		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

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: WG731818-2 WG731818-3									
Aroclor 1016	56		55		40-140	2		50	A
Aroclor 1260	64		63		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		53		30-150	B
Decachlorobiphenyl	75		62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	51		49		30-150	A
Decachlorobiphenyl	68		60		30-150	A

PESTICIDES

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-01	Date Collected:	10/13/14 13:30
Client ID:	MW-1	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/16/14 14:35
Analytical Date:	10/19/14 04:32	Cleanup Method:	EPA 3620B
Analyst:	JW	Cleanup Date:	10/18/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	**28**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/16/14 14:35
Analytical Date:	10/19/14 04:48	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	10/18/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	**23**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	**26**	Q	30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-02 RE	Date Collected:	10/13/14 12:30
Client ID:	MW-2	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/21/14 11:08
Analytical Date:	10/21/14 20:21	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	10/21/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/16/14 14:35
Analytical Date:	10/19/14 05:04	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	10/18/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	**17**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	**20**	Q	30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID:	L1424301-03 RE	Date Collected:	10/13/14 12:00
Client ID:	MW-4	Date Received:	10/14/14
Sample Location:	1544 BOONE AVE BRONX, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/21/14 11:08
Analytical Date:	10/21/14 20:34	Cleanup Method:	EPA 3620B
Analyst:	GP	Cleanup Date:	10/21/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/19/14 03:44
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 10/16/14 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 10/18/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG731759-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	0.010	J	ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/21/14 19:43
Analyst: GP

Extraction Method: EPA 3510C
Extraction Date: 10/21/14 11:08
Cleanup Method: EPA 3620B
Cleanup Date: 10/21/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG732916-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG731759-2 WG731759-3									
Delta-BHC	40		46		30-150	13		20	A
Lindane	43		46		30-150	8		20	A
Alpha-BHC	49		54		30-150	9		20	A
Beta-BHC	46		51		30-150	9		20	A
Heptachlor	36		43		30-150	16		20	A
Aldrin	33		36		30-150	10		20	A
Heptachlor epoxide	41		45		30-150	9		20	A
Endrin	48		52		30-150	9		20	A
Endrin ketone	40		46		30-150	12		20	A
Dieldrin	44		47		30-150	8		20	A
4,4'-DDE	39		42		30-150	9		20	A
4,4'-DDD	42		46		30-150	9		20	A
4,4'-DDT	45		49		30-150	10		20	A
Endosulfan I	41		45		30-150	8		20	A
Endosulfan II	38		42		30-150	10		20	A
Endosulfan sulfate	41		48		30-150	14		20	A
Methoxychlor	50		52		30-150	3		20	A
cis-Chlordane	40		52		30-150	**27**	Q	20	A
trans-Chlordane	42		52		30-150	**22**	Q	20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG731759-2 WG731759-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		33		30-150	A
Decachlorobiphenyl	32		33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		37		30-150	B
Decachlorobiphenyl	39		40		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG732916-2 WG732916-3									
Delta-BHC	68		75		30-150	10		20	A
Lindane	79		85		30-150	7		20	A
Alpha-BHC	72		78		30-150	8		20	A
Beta-BHC	78		84		30-150	8		20	A
Heptachlor	74		81		30-150	9		20	A
Aldrin	74		81		30-150	9		20	A
Heptachlor epoxide	75		81		30-150	8		20	A
Endrin	81		88		30-150	9		20	A
Endrin ketone	61		70		30-150	14		20	A
Dieldrin	79		86		30-150	9		20	A
4,4'-DDE	74		81		30-150	8		20	A
4,4'-DDD	76		84		30-150	10		20	A
4,4'-DDT	73		80		30-150	9		20	A
Endosulfan I	73		80		30-150	8		20	A
Endosulfan II	66		73		30-150	10		20	A
Endosulfan sulfate	66		76		30-150	14		20	A
Methoxychlor	66		74		30-150	11		20	A
cis-Chlordane	71		76		30-150	7		20	A
trans-Chlordane	76		82		30-150	8		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG732916-2 WG732916-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	A
Decachlorobiphenyl	68		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		76		30-150	B
Decachlorobiphenyl	84		87		30-150	B

METALS

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8.10		mg/l	0.500	0.085	50	10/18/14 17:37	10/22/14 13:42	EPA 3005A	1,6020A	BM
Antimony, Total	0.0006	J	mg/l	0.0050	0.0003	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Arsenic, Total	0.0025		mg/l	0.0025	0.0006	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Barium, Total	0.1500		mg/l	0.0025	0.0003	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0025	0.0008	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0003	J	mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Calcium, Total	97.1		mg/l	0.500	0.160	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Chromium, Total	0.0295		mg/l	0.0250	0.0013	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Cobalt, Total	0.0490		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Copper, Total	0.0288		mg/l	0.0050	0.0013	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Iron, Total	16.2		mg/l	0.300	0.060	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Lead, Total	0.0061		mg/l	0.0050	0.0006	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Magnesium, Total	29.6		mg/l	0.350	0.112	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Manganese, Total	7.092		mg/l	0.1000	0.0151	50	10/18/14 17:37	10/22/14 13:42	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/14 11:30	10/20/14 18:09	EPA 7470A	1,7470A	AK
Nickel, Total	0.0715		mg/l	0.0350	0.0004	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Potassium, Total	15.4		mg/l	0.500	0.097	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Selenium, Total	ND		mg/l	0.025	0.005	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.0013	0.0004	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Sodium, Total	61.8		mg/l	0.500	0.081	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Thallium, Total	ND		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Vanadium, Total	0.0247	J	mg/l	0.0250	0.0028	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Zinc, Total	0.0531		mg/l	0.0500	0.0128	5	10/18/14 17:37	10/22/14 13:54	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.082		mg/l	0.050	0.008	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Antimony, Dissolved	0.0007	J	mg/l	0.0050	0.0003	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0025	0.0006	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Barium, Dissolved	0.0706		mg/l	0.0025	0.0003	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0025	0.0008	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-01 Date Collected: 10/13/14 13:30

Client ID: MW-1 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	83.7		mg/l	0.500	0.160	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Chromium, Dissolved	0.0037	JB	mg/l	0.0250	0.0013	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Cobalt, Dissolved	0.0313		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.0050	0.0013	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Iron, Dissolved	0.188	J	mg/l	0.300	0.060	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0050	0.0006	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Magnesium, Dissolved	24.7		mg/l	0.350	0.112	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Manganese, Dissolved	6.856		mg/l	0.1000	0.0151	50	10/15/14 01:19	10/22/14 14:28	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/16/14 10:40	10/20/14 17:31	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.0396		mg/l	0.0350	0.0004	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Potassium, Dissolved	9.00		mg/l	0.500	0.097	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.025	0.005	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0013	0.0004	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Sodium, Dissolved	59.1		mg/l	0.500	0.081	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0250	0.0028	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0500	0.0128	5	10/15/14 01:19	10/22/14 14:22	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	85.1		mg/l	5.00	0.845	500	10/18/14 17:37	10/22/14 14:51	EPA 3005A	1,6020A	BM
Antimony, Total	0.0020	J	mg/l	0.0050	0.0003	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Arsenic, Total	0.0045		mg/l	0.0025	0.0006	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Barium, Total	0.8992		mg/l	0.0025	0.0003	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Beryllium, Total	0.0025		mg/l	0.0025	0.0008	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0008	J	mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Calcium, Total	81.0		mg/l	0.500	0.160	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Chromium, Total	0.3454		mg/l	0.0250	0.0013	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Cobalt, Total	0.0746		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Copper, Total	0.8670		mg/l	0.0050	0.0013	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Iron, Total	160		mg/l	0.300	0.060	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Lead, Total	0.0512		mg/l	0.0050	0.0006	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Magnesium, Total	38.3		mg/l	0.350	0.112	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Manganese, Total	5.100		mg/l	0.1000	0.0151	50	10/18/14 17:37	10/22/14 14:12	EPA 3005A	1,6020A	BM
Mercury, Total	0.00009	J	mg/l	0.00020	0.00006	1	10/16/14 11:30	10/20/14 18:16	EPA 7470A	1,7470A	AK
Nickel, Total	0.4427		mg/l	0.0350	0.0004	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Potassium, Total	38.0		mg/l	0.500	0.097	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Selenium, Total	ND		mg/l	0.025	0.005	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Silver, Total	0.0004	J	mg/l	0.0013	0.0004	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Sodium, Total	54.7		mg/l	0.500	0.081	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Thallium, Total	0.0013		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Vanadium, Total	0.1468		mg/l	0.0250	0.0028	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Zinc, Total	0.8631		mg/l	0.0500	0.0128	5	10/18/14 17:37	10/22/14 14:09	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.179		mg/l	0.050	0.008	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Antimony, Dissolved	0.0012	J	mg/l	0.0050	0.0003	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0025	0.0006	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Barium, Dissolved	0.0379		mg/l	0.0025	0.0003	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0025	0.0008	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-02 Date Collected: 10/13/14 12:30

Client ID: MW-2 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	49.6		mg/l	0.500	0.160	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Chromium, Dissolved	0.0244	JB	mg/l	0.0250	0.0013	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Cobalt, Dissolved	0.0020		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Copper, Dissolved	0.0018	J	mg/l	0.0050	0.0013	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Iron, Dissolved	0.821		mg/l	0.300	0.060	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0050	0.0006	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Magnesium, Dissolved	13.6		mg/l	0.350	0.112	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Manganese, Dissolved	0.9421		mg/l	0.0100	0.0015	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Mercury, Dissolved	0.00007	J	mg/l	0.00020	0.00006	1	10/16/14 10:40	10/20/14 17:37	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.0271	J	mg/l	0.0350	0.0004	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Potassium, Dissolved	3.86		mg/l	0.500	0.097	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.025	0.005	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0013	0.0004	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Sodium, Dissolved	47.0		mg/l	0.500	0.081	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0250	0.0028	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM
Zinc, Dissolved	0.0211	J	mg/l	0.0500	0.0128	5	10/15/14 01:19	10/22/14 15:48	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	65.6		mg/l	5.00	0.845	500	10/18/14 17:37	10/22/14 14:54	EPA 3005A	1,6020A	BM
Antimony, Total	0.0010	J	mg/l	0.0050	0.0003	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Arsenic, Total	0.0166		mg/l	0.0025	0.0006	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Barium, Total	1.332		mg/l	0.0025	0.0003	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Beryllium, Total	0.0031		mg/l	0.0025	0.0008	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0022		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Calcium, Total	187		mg/l	0.500	0.160	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Chromium, Total	0.1512		mg/l	0.0250	0.0013	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Cobalt, Total	0.1024		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Copper, Total	0.2919		mg/l	0.0050	0.0013	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Iron, Total	146		mg/l	0.300	0.060	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Lead, Total	0.4188		mg/l	0.0050	0.0006	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Magnesium, Total	42.4		mg/l	0.350	0.112	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Manganese, Total	6.270		mg/l	0.1000	0.0151	50	10/18/14 17:37	10/22/14 14:18	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/14 11:30	10/20/14 18:46	EPA 7470A	1,7470A	AK
Nickel, Total	0.1514		mg/l	0.0350	0.0004	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Potassium, Total	36.3		mg/l	0.500	0.097	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Selenium, Total	0.015	J	mg/l	0.025	0.005	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.0013	0.0004	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Sodium, Total	35.1		mg/l	0.500	0.081	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Thallium, Total	0.0016		mg/l	0.0010	0.0003	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Vanadium, Total	0.2002		mg/l	0.0250	0.0028	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Zinc, Total	1.256		mg/l	0.0500	0.0128	5	10/18/14 17:37	10/22/14 14:15	EPA 3005A	1,6020A	BM
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	0.058		mg/l	0.050	0.008	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Antimony, Dissolved	0.0005	J	mg/l	0.0050	0.0003	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Arsenic, Dissolved	0.0032		mg/l	0.0025	0.0006	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Barium, Dissolved	0.0985		mg/l	0.0025	0.0003	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0025	0.0008	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

SAMPLE RESULTS

Lab ID: L1424301-03 Date Collected: 10/13/14 12:00

Client ID: MW-4 Date Received: 10/14/14

Sample Location: 1544 BOONE AVE BRONX, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Calcium, Dissolved	131		mg/l	0.500	0.160	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Chromium, Dissolved	0.0154	JB	mg/l	0.0250	0.0013	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Cobalt, Dissolved	0.00690		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.0050	0.0013	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Iron, Dissolved	2.62		mg/l	0.300	0.060	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Lead, Dissolved	0.0058		mg/l	0.0050	0.0006	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Magnesium, Dissolved	13.2		mg/l	0.350	0.112	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Manganese, Dissolved	2.834		mg/l	0.1000	0.0151	50	10/15/14 01:19	10/22/14 15:57	NA	1,6020A	BM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/16/14 10:40	10/20/14 17:39	EPA 7470A	1,7470A	AK
Nickel, Dissolved	0.0129	J	mg/l	0.0350	0.0004	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Potassium, Dissolved	8.68		mg/l	0.500	0.097	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.025	0.005	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0013	0.0004	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Sodium, Dissolved	28.0		mg/l	0.500	0.081	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0010	0.0003	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0250	0.0028	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0500	0.0128	5	10/15/14 01:19	10/22/14 15:54	NA	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-03 Batch: WG731628-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	10/16/14 10:40	10/20/14 17:22	1,7470A	AK

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG731654-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/16/14 11:30	10/20/14 18:05	1,7470A	AK

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG732407-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Antimony, Total	ND		mg/l	0.0005	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Barium, Total	ND		mg/l	0.0005	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	0.0002	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Cadmium, Total	ND		mg/l	0.0002	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Calcium, Total	ND		mg/l	0.100	0.032	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Chromium, Total	0.0004	J	mg/l	0.0010	0.0003	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Cobalt, Total	ND		mg/l	0.0002	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Copper, Total	ND		mg/l	0.0010	0.0003	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Iron, Total	ND		mg/l	0.050	0.012	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Lead, Total	ND		mg/l	0.0010	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Magnesium, Total	ND		mg/l	0.070	0.022	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Manganese, Total	ND		mg/l	0.0005	0.0003	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Nickel, Total	0.0002	J	mg/l	0.0010	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Potassium, Total	0.043	J	mg/l	0.100	0.019	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND		mg/l	0.005	0.001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Silver, Total	ND		mg/l	0.0003	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Sodium, Total	ND		mg/l	0.100	0.016	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Thallium, Total	ND		mg/l	0.0002	0.0001	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Vanadium, Total	ND		mg/l	0.0050	0.0006	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM
Zinc, Total	ND		mg/l	0.0100	0.0026	1	10/18/14 17:37	10/21/14 13:51	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Westborough Lab for sample(s): 01-03 Batch: WG732917-1										
Aluminum, Dissolved	0.006	J	mg/l	0.010	0.002	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Antimony, Dissolved	0.0005	J	mg/l	0.0010	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Barium, Dissolved	ND		mg/l	0.0005	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	0.0002	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0002	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Calcium, Dissolved	ND		mg/l	0.100	0.032	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Chromium, Dissolved	0.0099		mg/l	0.0050	0.0003	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Cobalt, Dissolved	0.0001	J	mg/l	0.0002	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Copper, Dissolved	ND		mg/l	0.0010	0.0003	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Iron, Dissolved	0.054	J	mg/l	0.060	0.012	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Lead, Dissolved	ND		mg/l	0.0010	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Magnesium, Dissolved	ND		mg/l	0.070	0.022	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Manganese, Dissolved	0.0012	J	mg/l	0.0020	0.0003	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Nickel, Dissolved	0.0066	J	mg/l	0.0070	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Potassium, Dissolved	ND		mg/l	0.100	0.019	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Selenium, Dissolved	ND		mg/l	0.005	0.001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Silver, Dissolved	ND		mg/l	0.0003	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Sodium, Dissolved	0.031	J	mg/l	0.100	0.016	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0002	0.0001	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0050	0.0006	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0100	0.0026	1	10/15/14 01:19	10/22/14 14:03	1,6020A	BM

Project Name: COMPASS 2 **Lab Number:** L1424301

Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: NA

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG731628-2								
Mercury, Dissolved	103		-		70-130	-		
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG731654-2								
Mercury, Total	106		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG732407-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	88	-	80-120	-	
Arsenic, Total	88	-	80-120	-	
Barium, Total	87	-	80-120	-	
Beryllium, Total	91	-	80-120	-	
Cadmium, Total	92	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	91	-	80-120	-	
Cobalt, Total	96	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	89	-	80-120	-	
Lead, Total	89	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	90	-	80-120	-	
Nickel, Total	93	-	80-120	-	
Potassium, Total	95	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	92	-	80-120	-	
Sodium, Total	95	-	80-120	-	
Thallium, Total	84	-	80-120	-	
Vanadium, Total	94	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG732407-2					
Zinc, Total	96	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG732917-2					
Aluminum, Dissolved	96	-	80-120	-	
Antimony, Dissolved	93	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	89	-	80-120	-	
Beryllium, Dissolved	92	-	80-120	-	
Cadmium, Dissolved	97	-	80-120	-	
Calcium, Dissolved	105	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	91	-	80-120	-	
Copper, Dissolved	88	-	80-120	-	
Iron, Dissolved	89	-	80-120	-	
Lead, Dissolved	104	-	80-120	-	
Magnesium, Dissolved	100	-	80-120	-	
Manganese, Dissolved	96	-	80-120	-	
Nickel, Dissolved	97	-	80-120	-	
Potassium, Dissolved	98	-	80-120	-	
Selenium, Dissolved	92	-	80-120	-	
Silver, Dissolved	89	-	80-120	-	
Sodium, Dissolved	96	-	80-120	-	
Thallium, Dissolved	98	-	80-120	-	
Vanadium, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG732917-2					
Zinc, Dissolved	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG731628-4 QC Sample: L1424301-01 Client ID: MW-1												
Mercury, Dissolved	ND	0.005	0.00417	83		-	-		75-125	-		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG731654-4 QC Sample: L1424301-01 Client ID: MW-1												
Mercury, Total	ND	0.005	0.00414	83		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732407-4 QC Sample: L1424399-01 Client ID: MS Sample										
Aluminum, Total	0.429	2	2.41	99		-	-	75-125	-	20
Antimony, Total	0.0017	0.5	0.4599	92		-	-	75-125	-	20
Arsenic, Total	0.0057	0.12	0.1196	95		-	-	75-125	-	20
Barium, Total	0.3056	2	1.967	83		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0477	95		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0472	92		-	-	75-125	-	20
Calcium, Total	413.	10	348	**0**	Q	-	-	75-125	-	20
Chromium, Total	0.0021	0.2	0.1796	89		-	-	75-125	-	20
Cobalt, Total	0.0011	0.5	0.4678	93		-	-	75-125	-	20
Copper, Total	0.0037	0.25	0.2291	90		-	-	75-125	-	20
Iron, Total	0.430	1	1.40	97		-	-	75-125	-	20
Lead, Total	0.0026	0.51	0.4598	90		-	-	75-125	-	20
Magnesium, Total	2.30	10	11.5	92		-	-	75-125	-	20
Manganese, Total	0.0268	0.5	0.4650	88		-	-	75-125	-	20
Nickel, Total	0.0390	0.5	0.5074	94		-	-	75-125	-	20
Potassium, Total	38.5	10	40.7	**22**	Q	-	-	75-125	-	20
Selenium, Total	0.001J	0.12	0.107	89		-	-	75-125	-	20
Silver, Total	ND	0.05	0.0386	77		-	-	75-125	-	20
Sodium, Total	770.	10	731	**0**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1029	86		-	-	75-125	-	20
Vanadium, Total	0.0162	0.5	0.4783	92		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732407-4 QC Sample: L1424399-01 Client ID: MS Sample										
Zinc, Total	0.1948	0.5	0.4920	**59**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732917-4 QC Sample: L1424301-01 Client ID: MW-1										
Aluminum, Dissolved	0.082	2	2.07	99		-	-	75-125	-	20
Antimony, Dissolved	0.0007J	0.5	0.4722	94		-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.1099	92		-	-	75-125	-	20
Barium, Dissolved	0.0706	2	1.856	89		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.0470	94		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.0515	101		-	-	75-125	-	20
Calcium, Dissolved	83.7	10	94.4	107		-	-	75-125	-	20
Chromium, Dissolved	0.0037JB	0.2	0.2146	107		-	-	75-125	-	20
Cobalt, Dissolved	0.0313	0.5	0.5116	96		-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2411	96		-	-	75-125	-	20
Iron, Dissolved	0.188J	1	1.24	124		-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.4769	94		-	-	75-125	-	20
Magnesium, Dissolved	24.7	10	30.8	**61**	Q	-	-	75-125	-	20
Manganese, Dissolved	6.856	0.5	6.888	**6**	Q	-	-	75-125	-	20
Nickel, Dissolved	0.0396	0.5	0.5289	98		-	-	75-125	-	20
Potassium, Dissolved	9.00	10	18.6	96		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.114	95		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.0452	90		-	-	75-125	-	20
Sodium, Dissolved	59.1	10	63.4	**43**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1075	90		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4723	94		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732917-4 QC Sample: L1424301-01 Client ID: MW-1									
Zinc, Dissolved	ND	0.5	0.5045	101	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG731628-3 QC Sample: L1424301-01 Client ID: MW-1						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG731654-3 QC Sample: L1424301-01 Client ID: MW-1						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732407-3 QC Sample: L1424399-01 Client ID: DUP Sample						
Antimony, Total	0.0017	0.0020	mg/l	15		20
Arsenic, Total	0.0057	0.0052	mg/l	8		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	0.0001J	mg/l	NC		20
Chromium, Total	0.0021	0.0019	mg/l	11		20
Copper, Total	0.0037	0.0049	mg/l	**28**	Q	20
Lead, Total	0.0026	0.0045	mg/l	**55**	Q	20
Nickel, Total	0.0390	0.0405	mg/l	4		20
Selenium, Total	0.001J	0.001J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Thallium, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.1948	0.0694	mg/l	**95**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732917-3 QC Sample: L1424301-01 Client ID: MW-1					
Aluminum, Dissolved	0.082	0.093	mg/l	13	20
Antimony, Dissolved	0.0007J	0.0009J	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Barium, Dissolved	0.0706	0.0668	mg/l	5	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	83.7	80.6	mg/l	4	20
Chromium, Dissolved	0.0037JB	0.0120J	mg/l	NC	20
Cobalt, Dissolved	0.0313	0.0296	mg/l	5	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	0.188J	0.203J	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	24.7	23.7	mg/l	4	20
Nickel, Dissolved	0.0396	0.0441	mg/l	11	20
Potassium, Dissolved	9.00	9.49	mg/l	5	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	59.1	56.8	mg/l	4	20
Thallium, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732917-3 QC Sample: L1424301-01 Client ID: MW-1					
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG732917-3 QC Sample: L1424301-01 Client ID: MW-1					
Manganese, Dissolved	6.856	6.354	mg/l	8	20

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1424301-01A	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-01B	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-01C	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-01D	Plastic 500ml HNO3 preserved	B	<2	3.6	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1424301-01E	Plastic 500ml unpreserved	B	7	3.6	Y	Absent	FILTER-MET(1)
L1424301-01F	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-01G	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-01H	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-01I	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-01J	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-01K	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-01X	Plastic 120ml HNO3 preserved spl	B	<2	3.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1424301-02A	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-02B	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-02C	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-02D	Plastic 500ml HNO3 preserved	A	<2	2.4	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1424301-02E	Plastic 500ml unpreserved	A	7	2.4	Y	Absent	FILTER-MET(1)
L1424301-02F	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-02G	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-02H	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-02I	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-02J	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-02K	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-02X	Plastic 120ml HNO3 preserved spl	B	<2	3.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1424301-03A	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-03B	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-03C	Vial HCl preserved	B	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1424301-03D	Plastic 500ml HNO3 preserved	A	<2	2.4	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424301
Report Date: 10/22/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1424301-03E	Plastic 500ml unpreserved	B	7	3.6	Y	Absent	FILTER-MET(1)
L1424301-03F	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-03G	Amber 1000ml unpreserved	A	7	2.4	Y	Absent	NYTCL-8081(7)
L1424301-03H	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-03I	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8082-1200ML(7)
L1424301-03J	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-03K	Amber 1000ml unpreserved	B	7	3.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1424301-03X	Plastic 120ml HNO3 preserved spl	B	<2	3.6	Y	Absent	CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name:	COMPASS 2	**Lab Number:**	L1424301
Project Number:	7191-01-04-4001	**Report Date:**	10/22/14

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.
NI	- Not Ignitable.
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.

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COMPASS 2	**Lab Number:**	L1424301
Project Number:	7191-01-04-4001	**Report Date:**	10/22/14

Data Qualifiers

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: COMPASS 2 **Lab Number:** L1424301
Project Number: 7191-01-04-4001 **Report Date:** 10/22/14

REFERENCES

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

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
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.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF**.

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

L1424301

CHAIN OF CUSTODY

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

Page 1 of 1

LAB NAME: ALPHA

RECEIVED DATE: 10-14-14

Serial_No:10221419:23

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: B. Hernandez
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Bhernandez@impactenvironmental.com

Project Information

Project Name: COMPASS 2
Street: 1544 BOONE AVE
City: Bronx **State:** NY **Zip:**
Project #: 7191-01-04-4001
Sampler's Name: B. HERNANDEZ
Sampler's Signature: [signature]

Sample Information / Sample Collection / Sample Containers

Number of Each Preserved Bottle

LAB SAMPLE # (LAB USE ONLY)		Sample ID	IEC Project Code	Matrix Code	Sample Type	Sample Date	Time	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 Analite List)	SVOCs 8270, VOCs 8260	PCBs/Pest 8081/8082	Total Metals 6010	Dissolved metals (Lab Filtered)		(LAB USE ONLY)
-01	1	MW-1	7191	L	G	10/13/14	1330	12	HNO3	X	X									X	X	X	X		
-02	2	MW-2	↓	↓	↓	↓	1230	↓	↓	↓	↓									↓	↓	↓	↓		
-03	3	MW-4	↓	↓	↓	↓	1200	↓	↓	↓	↓									↓	↓	↓	↓		
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	10																								

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

Turnaround Time (Business Days)

Standard Service
- [x] 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 & TPH. ***Package C (proprietary)-Same as Package B plus RCRA characteristics and Full TCLP

NOTES/COMMENTS:

+ LIST TOGS L.I.I. AWQS for All

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	[signature]	10/14/14 1700	[signature] NAL	[signature]	10-14-14 2225	[signature] 10-14-14 2225
2						
3	Tom Toler	10-14-14 2225	[signature]			
4						
5						

COOLER INFORMATION

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

Form SS-2/Nov. 2013

ANALYTICAL REPORT

Lab Number:	L1424406
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	COMPASS 2
Project Number:	7191-01-04-4001
Report Date:	10/21/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1424406-01	SV-1	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 12:27	10/14/14
L1424406-02	SV-2	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 12:57	10/14/14
L1424406-03	SV-3	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 12:22	10/14/14
L1424406-04	SV-4	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 11:51	10/14/14
L1424406-05	SV-5	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 11:19	10/14/14
L1424406-06	SV-6	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 11:46	10/14/14
L1424406-07	SV-7	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 11:37	10/14/14
L1424406-08	SV-8	SOIL_VAPOR	1544 BOONE AVE, BRONX, NY	10/13/14 11:55	10/14/14

Project Name: COMPASS 2 **Lab Number:** L1424406
Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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: COMPASS 2 **Lab Number:** L1424406
Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on 2014. The canister certification results are provided as an addendum.

Samples L1424406-01, -06, -07 and -08 The presence of Acetone and 4-Methyl-2-pentanone could not be determined in these samples due to a non-target compound interfering with the identification and quantification of these compounds.

Sample L1424406-02: The internal standard (IS) responses for Bromochloromethane (143%) and Chlorobenzene-d5 (152%) were above the acceptance criteria; however, re-analysis achieved similar results. Only the results of the original analysis are reported; however, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

Sample L1424406-03: The internal standard (IS) response for Chlorobenzene-d5 (143%) was above the acceptance criteria; however, re-analysis achieved similar results. Only the results of the original analysis are reported; however, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

Sample L1424406-04 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Sample L1424406-04: The internal standard (IS) response for Chlorobenzene-d5 (161%) was above the acceptance criteria; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

Sample L1424406-05 results for Acetone should be considered estimated due to co-elution with a non-target peak.

Project Name: COMPASS 2 **Lab Number:** L1424406
Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

Case Narrative (continued)

Samples L1424406-06 through -08 have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Sample L1424406-06: The internal standard (IS) responses for Bromochloromethane (142%) and Chlorobenzene-d5 (160%) were above the acceptance criteria; however, re-analysis achieved similar results. Only the results of the original analysis are reported; however, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

Sample L1424406-08: The internal standard (IS) response for Chlorobenzene-d5 (165%) was above the acceptance criteria; however, re-analysis achieved similar results. Only the results of the original analysis are reported; however, since the IS response was above method criteria, all associated compounds are considered to have a potentially low bias.

The sample designated SV-7 (L1424406-07) had a RPD for the pre- and post-flow controller calibration check (22% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 35.3 mL/minute; the final flow rate was 44 mL/minute. The final pressure recorded by the laboratory of the associated canister was -4.4 inches of mercury.

The sample designated SV-8 (L1424406-08) had a RPD for the pre- and post-flow controller calibration check (90% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 40.0 mL/minute; the final flow rate was 106 mL/minute. The final pressure recorded by the laboratory of the associated canister was -2.6 inches of mercury.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/21/14

AIR

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-01
Client ID: SV-1
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/14 21:13
Analyst: MB

Date Collected: 10/13/14 12:27
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	0.250	0.200	--	0.516	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	36.8	0.200	--	81.4	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--		1
Isopropanol	0.700	0.500	--	1.72	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.08	0.500	--	3.27	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	5.35	0.200	--	16.7	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	8.29	0.200	--	24.4	0.590	--		1
cis-1,2-Dichloroethene	0.817	0.200	--	3.24	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-01
Client ID: SV-1
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:27
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	10.9	0.200	--	38.4	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	6.01	0.200	--	19.2	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.84	0.200	--	13.2	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	12.4	0.200	--	57.9	0.934	--		1
Heptane	4.44	0.200	--	18.2	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.80	0.200	--	21.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.690	0.200	--	4.68	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.33	0.200	--	5.78	0.869	--		1
p/m-Xylene	4.18	0.400	--	18.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.310	0.200	--	1.32	0.852	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-01
Client ID: SV-1
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:27
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.03	0.200	--	8.82	0.869	--		1
4-Ethyltoluene	1.30	0.200	--	6.39	0.983	--		1
1,3,5-Trimethylbenzene	2.69	0.200	--	13.2	0.983	--		1
1,2,4-Trimethylbenzene	6.66	0.200	--	32.7	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	123		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	136		60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-02
Client ID: SV-2
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/14 21:51
Analyst: MB

Date Collected: 10/13/14 12:57
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	6.81	0.200	--	15.1	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	31.1	1.00	--	73.9	2.38	--		1
Trichlorofluoromethane	0.417	0.200	--	2.34	1.12	--		1
Isopropanol	1.13	0.500	--	2.78	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.717	0.500	--	2.17	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.43	0.200	--	4.45	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.52	0.200	--	13.3	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-02
Client ID: SV-2
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:57
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.04	0.200	--	10.7	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.19	0.200	--	7.00	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.264	0.200	--	0.909	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.89	0.200	--	7.75	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.233	0.200	--	0.955	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.49	0.200	--	9.38	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	2.91	0.200	--	19.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.456	0.200	--	1.98	0.869	--		1
p/m-Xylene	1.59	0.400	--	6.91	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-02
Client ID: SV-2
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:57
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.694	0.200	--	3.01	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.229	0.200	--	1.13	0.983	--		1
1,2,4-Trimethylbenzene	0.545	0.200	--	2.68	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	137		60-140
Bromochloromethane	143	Q	60-140
chlorobenzene-d5	152	Q	60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-03
Client ID: SV-3
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/14 22:29
Analyst: MB

Date Collected: 10/13/14 12:22
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	7.63	0.200	--	16.9	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	10.9	2.50	--	20.5	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	26.7	1.00	--	63.4	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	6.77	0.200	--	21.1	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.84	0.200	--	11.3	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-03
Client ID: SV-3
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:22
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.33	0.200	--	8.21	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.76	0.200	--	8.82	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.424	0.200	--	1.46	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.268	0.200	--	1.25	0.934	--		1
Heptane	1.54	0.200	--	6.31	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.82	0.200	--	10.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.56	0.200	--	10.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.639	0.200	--	2.78	0.869	--		1
p/m-Xylene	2.69	0.400	--	11.7	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-03
Client ID: SV-3
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 12:22
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.813	0.200	--	3.53	0.869	--		1
4-Ethyltoluene	0.451	0.200	--	2.22	0.983	--		1
1,3,5-Trimethylbenzene	0.811	0.200	--	3.99	0.983	--		1
1,2,4-Trimethylbenzene	1.86	0.200	--	9.14	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	131		60-140
Bromochloromethane	135		60-140
chlorobenzene-d5	143	Q	60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-04 D
Client ID: SV-4
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/14 23:42
Analyst: MB

Date Collected: 10/13/14 11:51
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.400	--	ND	1.98	--		2
Chloromethane	0.480	0.400	--	0.991	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	0.786	0.400	--	2.01	1.02	--		2
1,3-Butadiene	48.2	0.400	--	107	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	5.00	--	ND	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	10.4	2.00	--	24.7	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
Isopropanol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	1.15	1.00	--	3.49	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	9.38	0.400	--	29.2	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	1.09	0.400	--	4.32	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	7.21	0.400	--	21.3	1.18	--		2
cis-1,2-Dichloroethene	26.0	0.400	--	103	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-04 D
Client ID: SV-4
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:51
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	0.400	--	ND	1.18	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	30.3	0.400	--	107	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	14.5	0.400	--	46.3	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	8.64	0.400	--	29.7	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	2.02	0.400	--	10.9	2.15	--		2
2,2,4-Trimethylpentane	25.6	0.400	--	120	1.87	--		2
Heptane	59.1	0.400	--	242	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	0.400	--	ND	1.64	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	18.4	0.400	--	69.3	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	1.66	0.400	--	11.3	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	26.8	0.400	--	116	1.74	--		2
p/m-Xylene	91.0	0.800	--	395	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-04 D
Client ID: SV-4
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:51
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	24.6	0.400	--	107	1.74	--		2
4-Ethyltoluene	16.6	0.400	--	81.6	1.97	--		2
1,3,5-Trimethylbenzene	28.2	0.400	--	139	1.97	--		2
1,2,4-Trimethylbenzene	61.3	0.400	--	301	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	120		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	161	Q	60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-05
Client ID: SV-5
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/20/14 23:07
Analyst: MB

Date Collected: 10/13/14 11:19
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.626	0.200	--	3.10	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.252	0.200	--	0.557	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.91	1.00	--	6.91	2.38	--		1
Trichlorofluoromethane	0.829	0.200	--	4.66	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.997	0.200	--	3.10	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.379	0.200	--	1.12	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-05
Client ID: SV-5
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:19
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.467	0.200	--	1.65	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.474	0.200	--	1.51	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	2.86	0.200	--	15.4	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.306	0.200	--	1.25	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.77	0.200	--	10.4	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	8.03	0.200	--	54.5	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.247	0.200	--	1.07	0.869	--		1
p/m-Xylene	1.53	0.400	--	6.65	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-05
Client ID: SV-5
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:19
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.548	0.200	--	2.38	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.281	0.200	--	1.38	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	123		60-140
Bromochloromethane	126		60-140
chlorobenzene-d5	127		60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-06 D
Client ID: SV-6
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/14 01:26
Analyst: MB

Date Collected: 10/13/14 11:46
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	644.	--	ND	3180	--		3218
Chloromethane	ND	644.	--	ND	1330	--		3218
Freon-114	ND	644.	--	ND	4500	--		3218
Vinyl chloride	ND	644	--	ND	1650	--		3218
1,3-Butadiene	ND	644.	--	ND	1420	--		3218
Bromomethane	ND	644.	--	ND	2500	--		3218
Chloroethane	ND	644.	--	ND	1700	--		3218
Ethanol	ND	8040	--	ND	15100	--		3218
Vinyl bromide	ND	644.	--	ND	2820	--		3218
Acetone	ND	3220	--	ND	7650	--		3218
Trichlorofluoromethane	ND	644.	--	ND	3620	--		3218
Isopropanol	ND	1610	--	ND	3960	--		3218
1,1-Dichloroethene	ND	644.	--	ND	2550	--		3218
Tertiary butyl Alcohol	ND	1610	--	ND	4880	--		3218
Methylene chloride	ND	1610	--	ND	5590	--		3218
3-Chloropropene	ND	644.	--	ND	2020	--		3218
Carbon disulfide	ND	644.	--	ND	2010	--		3218
Freon-113	ND	644.	--	ND	4940	--		3218
trans-1,2-Dichloroethene	ND	644.	--	ND	2550	--		3218
1,1-Dichloroethane	ND	644.	--	ND	2610	--		3218
Methyl tert butyl ether	ND	644.	--	ND	2320	--		3218
2-Butanone	ND	644.	--	ND	1900	--		3218
cis-1,2-Dichloroethene	ND	644.	--	ND	2550	--		3218
Ethyl Acetate	ND	1610	--	ND	5800	--		3218

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-06 D
Client ID: SV-6
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:46
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	644.	--	ND	3140	--		3218
Tetrahydrofuran	ND	644.	--	ND	1900	--		3218
1,2-Dichloroethane	ND	644.	--	ND	2610	--		3218
n-Hexane	202000	644	--	712000	2270	--		3218
1,1,1-Trichloroethane	ND	644.	--	ND	3510	--		3218
Benzene	2440	644	--	7800	2060	--		3218
Carbon tetrachloride	ND	644.	--	ND	4050	--		3218
Cyclohexane	55400	644	--	191000	2220	--		3218
1,2-Dichloropropane	ND	644.	--	ND	2980	--		3218
Bromodichloromethane	ND	644.	--	ND	4310	--		3218
1,4-Dioxane	ND	644.	--	ND	2320	--		3218
Trichloroethene	ND	644.	--	ND	3460	--		3218
2,2,4-Trimethylpentane	66300	644	--	310000	3010	--		3218
Heptane	303000	644	--	1240000	2640	--		3218
cis-1,3-Dichloropropene	ND	644.	--	ND	2920	--		3218
4-Methyl-2-pentanone	ND	644.	--	ND	2640	--		3218
trans-1,3-Dichloropropene	ND	644.	--	ND	2920	--		3218
1,1,2-Trichloroethane	ND	644.	--	ND	3510	--		3218
Toluene	656	644	--	2470	2430	--		3218
2-Hexanone	ND	644.	--	ND	2640	--		3218
Dibromochloromethane	ND	644.	--	ND	5490	--		3218
1,2-Dibromoethane	ND	644.	--	ND	4950	--		3218
Tetrachloroethene	ND	644.	--	ND	4370	--		3218
Chlorobenzene	ND	644.	--	ND	2970	--		3218
Ethylbenzene	47100	644	--	205000	2800	--		3218
p/m-Xylene	72000	1290	--	313000	5600	--		3218
Bromoform	ND	644.	--	ND	6660	--		3218
Styrene	ND	644.	--	ND	2740	--		3218

Project Name: COMPASS 2 **Lab Number:** L1424406
Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-06 D
Client ID: SV-6
Sample Location: 1544 BOONE AVE, BRONX, NY

Date Collected: 10/13/14 11:46
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	644.	--	ND	4420	--		3218
o-Xylene	7250	644	--	31500	2800	--		3218
4-Ethyltoluene	9670	644	--	47500	3170	--		3218
1,3,5-Trimethylbenzene	11900	644	--	58500	3170	--		3218
1,2,4-Trimethylbenzene	28000	644	--	138000	3170	--		3218
Benzyl chloride	ND	644.	--	ND	3330	--		3218
1,3-Dichlorobenzene	ND	644.	--	ND	3870	--		3218
1,4-Dichlorobenzene	ND	644.	--	ND	3870	--		3218
1,2-Dichlorobenzene	ND	644	--	ND	3870	--		3218
1,2,4-Trichlorobenzene	ND	644.	--	ND	4780	--		3218
Hexachlorobutadiene	ND	644.	--	ND	6870	--		3218

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	129		60-140
Bromochloromethane	142	Q	60-140
chlorobenzene-d5	160	Q	60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-07 D
Client ID: SV-7
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/14 06:53
Analyst: MB

Date Collected: 10/13/14 11:37
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	32.4	--	ND	160	--		162.1
Chloromethane	ND	32.4	--	ND	66.9	--		162.1
Freon-114	ND	32.4	--	ND	226	--		162.1
Vinyl chloride	ND	32.4	--	ND	82.8	--		162.1
1,3-Butadiene	ND	32.4	--	ND	71.7	--		162.1
Bromomethane	ND	32.4	--	ND	126	--		162.1
Chloroethane	ND	32.4	--	ND	85.5	--		162.1
Ethanol	ND	405	--	ND	763	--		162.1
Vinyl bromide	ND	32.4	--	ND	142	--		162.1
Acetone	ND	162.	--	ND	385	--		162.1
Trichlorofluoromethane	ND	32.4	--	ND	182	--		162.1
Isopropanol	ND	81.0	--	ND	199	--		162.1
1,1-Dichloroethene	ND	32.4	--	ND	128	--		162.1
Tertiary butyl Alcohol	ND	81.0	--	ND	246	--		162.1
Methylene chloride	ND	81.0	--	ND	281	--		162.1
3-Chloropropene	ND	32.4	--	ND	101	--		162.1
Carbon disulfide	44.6	32.4	--	139	101	--		162.1
Freon-113	ND	32.4	--	ND	248	--		162.1
trans-1,2-Dichloroethene	ND	32.4	--	ND	128	--		162.1
1,1-Dichloroethane	ND	32.4	--	ND	131	--		162.1
Methyl tert butyl ether	ND	32.4	--	ND	117	--		162.1
2-Butanone	ND	32.4	--	ND	95.6	--		162.1
cis-1,2-Dichloroethene	ND	32.4	--	ND	128	--		162.1
Ethyl Acetate	ND	81.0	--	ND	292	--		162.1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-07 D
Client ID: SV-7
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:37
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	32.4	--	ND	158	--		162.1
Tetrahydrofuran	ND	32.4	--	ND	95.6	--		162.1
1,2-Dichloroethane	ND	32.4	--	ND	131	--		162.1
n-Hexane	2530	32.4	--	8920	114	--		162.1
1,1,1-Trichloroethane	ND	32.4	--	ND	177	--		162.1
Benzene	73.3	32.4	--	234	104	--		162.1
Carbon tetrachloride	ND	32.4	--	ND	204	--		162.1
Cyclohexane	1170	32.4	--	4030	112	--		162.1
1,2-Dichloropropane	ND	32.4	--	ND	150	--		162.1
Bromodichloromethane	ND	32.4	--	ND	217	--		162.1
1,4-Dioxane	ND	32.4	--	ND	117	--		162.1
Trichloroethene	ND	32.4	--	ND	174	--		162.1
2,2,4-Trimethylpentane	10100	32.4	--	47200	151	--		162.1
Heptane	662	32.4	--	2710	133	--		162.1
cis-1,3-Dichloropropene	ND	32.4	--	ND	147	--		162.1
4-Methyl-2-pentanone	ND	32.4	--	ND	133	--		162.1
trans-1,3-Dichloropropene	ND	32.4	--	ND	147	--		162.1
1,1,2-Trichloroethane	ND	32.4	--	ND	177	--		162.1
Toluene	32.9	32.4	--	124	122	--		162.1
2-Hexanone	ND	32.4	--	ND	133	--		162.1
Dibromochloromethane	ND	32.4	--	ND	276	--		162.1
1,2-Dibromoethane	ND	32.4	--	ND	249	--		162.1
Tetrachloroethene	ND	32.4	--	ND	220	--		162.1
Chlorobenzene	ND	32.4	--	ND	149	--		162.1
Ethylbenzene	75.2	32.4	--	327	141	--		162.1
p/m-Xylene	153	64.8	--	665	281	--		162.1
Bromoform	ND	32.4	--	ND	335	--		162.1
Styrene	ND	32.4	--	ND	138	--		162.1

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-07 D
Client ID: SV-7
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:37
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	32.4	--	ND	222	--		162.1
o-Xylene	ND	32.4	--	ND	141	--		162.1
4-Ethyltoluene	ND	32.4	--	ND	159	--		162.1
1,3,5-Trimethylbenzene	ND	32.4	--	ND	159	--		162.1
1,2,4-Trimethylbenzene	52.8	32.4	--	260	159	--		162.1
Benzyl chloride	ND	32.4	--	ND	168	--		162.1
1,3-Dichlorobenzene	ND	32.4	--	ND	195	--		162.1
1,4-Dichlorobenzene	ND	32.4	--	ND	195	--		162.1
1,2-Dichlorobenzene	ND	32.4	--	ND	195	--		162.1
1,2,4-Trichlorobenzene	ND	32.4	--	ND	241	--		162.1
Hexachlorobutadiene	ND	32.4	--	ND	346	--		162.1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	126		60-140
Bromochloromethane	127		60-140
chlorobenzene-d5	137		60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-08 D
Client ID: SV-8
Sample Location: 1544 BOONE AVE, BRONX, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/21/14 00:52
Analyst: MB

Date Collected: 10/13/14 11:55
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	20.1	--	ND	99.4	--		100.7
Chloromethane	ND	20.1	--	ND	41.5	--		100.7
Freon-114	ND	20.1	--	ND	140	--		100.7
Vinyl chloride	ND	20.1	--	ND	51.4	--		100.7
1,3-Butadiene	ND	20.1	--	ND	44.5	--		100.7
Bromomethane	ND	20.1	--	ND	78.0	--		100.7
Chloroethane	ND	20.1	--	ND	53.0	--		100.7
Ethanol	ND	252.	--	ND	475	--		100.7
Vinyl bromide	ND	20.1	--	ND	87.9	--		100.7
Acetone	ND	101.	--	ND	240	--		100.7
Trichlorofluoromethane	ND	20.1	--	ND	113	--		100.7
Isopropanol	ND	50.4	--	ND	124	--		100.7
1,1-Dichloroethene	ND	20.1	--	ND	79.7	--		100.7
Tertiary butyl Alcohol	ND	50.4	--	ND	153	--		100.7
Methylene chloride	ND	50.4	--	ND	175	--		100.7
3-Chloropropene	ND	20.1	--	ND	62.9	--		100.7
Carbon disulfide	ND	20.1	--	ND	62.6	--		100.7
Freon-113	ND	20.1	--	ND	154	--		100.7
trans-1,2-Dichloroethene	ND	20.1	--	ND	79.7	--		100.7
1,1-Dichloroethane	ND	20.1	--	ND	81.4	--		100.7
Methyl tert butyl ether	ND	20.1	--	ND	72.5	--		100.7
2-Butanone	ND	20.1	--	ND	59.3	--		100.7
cis-1,2-Dichloroethene	ND	20.1	--	ND	79.7	--		100.7
Ethyl Acetate	ND	50.4	--	ND	182	--		100.7

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-08 D
Client ID: SV-8
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:55
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	20.1	--	ND	98.2	--		100.7
Tetrahydrofuran	ND	20.1	--	ND	59.3	--		100.7
1,2-Dichloroethane	ND	20.1	--	ND	81.4	--		100.7
n-Hexane	5230	20.1	--	18400	70.8	--		100.7
1,1,1-Trichloroethane	ND	20.1	--	ND	110	--		100.7
Benzene	145	20.1	--	463	64.2	--		100.7
Carbon tetrachloride	ND	20.1	--	ND	126	--		100.7
Cyclohexane	1170	20.1	--	4030	69.2	--		100.7
1,2-Dichloropropane	ND	20.1	--	ND	92.9	--		100.7
Bromodichloromethane	ND	20.1	--	ND	135	--		100.7
1,4-Dioxane	ND	20.1	--	ND	72.4	--		100.7
Trichloroethene	ND	20.1	--	ND	108	--		100.7
2,2,4-Trimethylpentane	3270	20.1	--	15300	93.9	--		100.7
Heptane	2750	20.1	--	11300	82.4	--		100.7
cis-1,3-Dichloropropene	ND	20.1	--	ND	91.3	--		100.7
4-Methyl-2-pentanone	ND	20.1	--	ND	82.4	--		100.7
trans-1,3-Dichloropropene	ND	20.1	--	ND	91.3	--		100.7
1,1,2-Trichloroethane	ND	20.1	--	ND	110	--		100.7
Toluene	31.2	20.1	--	118	75.7	--		100.7
2-Hexanone	ND	20.1	--	ND	82.4	--		100.7
Dibromochloromethane	ND	20.1	--	ND	171	--		100.7
1,2-Dibromoethane	ND	20.1	--	ND	154	--		100.7
Tetrachloroethene	ND	20.1	--	ND	136	--		100.7
Chlorobenzene	ND	20.1	--	ND	92.6	--		100.7
Ethylbenzene	85.6	20.1	--	372	87.3	--		100.7
p/m-Xylene	192	40.3	--	834	175	--		100.7
Bromoform	ND	20.1	--	ND	208	--		100.7
Styrene	ND	20.1	--	ND	85.6	--		100.7

Project Name: COMPASS 2
Project Number: 7191-01-04-4001
Lab Number: L1424406
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1424406-08 D
Client ID: SV-8
Sample Location: 1544 BOONE AVE, BRONX, NY
Date Collected: 10/13/14 11:55
Date Received: 10/14/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	20.1	--	ND	138	--		100.7
o-Xylene	57.3	20.1	--	249	87.3	--		100.7
4-Ethyltoluene	55.8	20.1	--	274	98.8	--		100.7
1,3,5-Trimethylbenzene	211	20.1	--	1040	98.8	--		100.7
1,2,4-Trimethylbenzene	207	20.1	--	1020	98.8	--		100.7
Benzyl chloride	ND	20.1	--	ND	104	--		100.7
1,3-Dichlorobenzene	ND	20.1	--	ND	121	--		100.7
1,4-Dichlorobenzene	ND	20.1	--	ND	121	--		100.7
1,2-Dichlorobenzene	ND	20.1	--	ND	121	--		100.7
1,2,4-Trichlorobenzene	ND	20.1	--	ND	149	--		100.7
Hexachlorobutadiene	ND	20.1	--	ND	214	--		100.7

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	127		60-140
Bromochloromethane	133		60-140
chlorobenzene-d5	165	Q	60-140

Project Name: COMPASS 2 **Lab Number:** L1424406

Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/14 12:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG732945-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: COMPASS 2 **Lab Number:** L1424406

Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/14 12:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG732945-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: COMPASS 2 **Lab Number:** L1424406

Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/20/14 12:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG732945-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG732945-3								
Chlorodifluoromethane	79		-		70-130	-		
Propylene	90		-		70-130	-		
Propane	70		-		70-130	-		
Dichlorodifluoromethane	74		-		70-130	-		
Chloromethane	93		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	97		-		70-130	-		
Methanol	81		-		70-130	-		
Vinyl chloride	93		-		70-130	-		
1,3-Butadiene	98		-		70-130	-		
Butane	88		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethyl Alcohol	95		-		70-130	-		
Dichlorofluoromethane	86		-		70-130	-		
Vinyl bromide	93		-		70-130	-		
Acrolein	89		-		70-130	-		
Acetone	102		-		70-130	-		
Acetonitrile	94		-		70-130	-		
Trichlorofluoromethane	95		-		70-130	-		
iso-Propyl Alcohol	106		-		70-130	-		
Acrylonitrile	90		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG732945-3								
Pentane	86		-		70-130	-		
Ethyl ether	90		-		70-130	-		
1,1-Dichloroethene	92		-		70-130	-		
tert-Butyl Alcohol	93		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	99		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	91		-		70-130	-		
Vinyl acetate	123		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		
Ethyl Acetate	93		-		70-130	-		
Chloroform	88		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
2,2-Dichloropropane	86		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	93		-		70-130	-		
Isopropyl Ether	85		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG732945-3								
Ethyl-Tert-Butyl-Ether	87		-		70-130	-		
1,1,1-Trichloroethane	109		-		70-130	-		
1,1-Dichloropropene	86		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	108		-		70-130	-		
Cyclohexane	92		-		70-130	-		
Tertiary-Amyl Methyl Ether	85		-		70-130	-		
Dibromomethane	89		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	94		-		70-130	-		
Methyl methacrylate	100		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	106		-		70-130	-		
trans-1,3-Dichloropropene	93		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	87		-		70-130	-		
1,3-Dichloropropane	84		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG732945-3								
2-Hexanone	115		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	93		-		70-130	-		
Butyl Acetate	90		-		70-130	-		
Octane	79		-		70-130	-		
Tetrachloroethene	89		-		70-130	-		
1,1,1,2-Tetrachloroethane	92		-		70-130	-		
Chlorobenzene	92		-		70-130	-		
Ethylbenzene	90		-		70-130	-		
p/m-Xylene	92		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	91		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	96		-		70-130	-		
1,2,3-Trichloropropane	84		-		70-130	-		
Nonane (C9)	90		-		70-130	-		
Isopropylbenzene	88		-		70-130	-		
Bromobenzene	84		-		70-130	-		
o-Chlorotoluene	87		-		70-130	-		
n-Propylbenzene	90		-		70-130	-		
p-Chlorotoluene	85		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG732945-3								
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
tert-Butylbenzene	92		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Decane (C10)	91		-		70-130	-		
Benzyl chloride	119		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
sec-Butylbenzene	91		-		70-130	-		
p-Isopropyltoluene	86		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
n-Butylbenzene	96		-		70-130	-		
1,2-Dibromo-3-chloropropane	96		-		70-130	-		
Undecane	100		-		70-130	-		
Dodecane (C12)	114		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	103		-		70-130	-		
1,2,3-Trichlorobenzene	101		-		70-130	-		
Hexachlorobutadiene	100		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG732945-5 QC Sample: L1424407-02 Client ID: DUP Sample						
Chlorodifluoromethane	0.286	0.288	ppbV	1		25
Dichlorofluoromethane	ND	ND	ppbV	NC		25
Pentane	0.767	0.800	ppbV	4		25
Dibromomethane	ND	ND	ppbV	NC		25
Octane	ND	ND	ppbV	NC		25
1,2,3-Trichloropropane	ND	ND	ppbV	NC		25
Bromobenzene	ND	ND	ppbV	NC		25

Project Name: COMPASS 2

Lab Number: L1424406

Project Number: 7191-01-04-4001

Report Date: 10/21/14

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1424406-01	SV-1	0591	#30 SV	10/13/14	109886		-	-	-	Pass	39.8	42	5
L1424406-01	SV-1	1036	6.0L Can	10/13/14	109886	L1420671-03	Pass	-29.7	-3.5	-	-	-	-
L1424406-02	SV-2	0656	#30 SV	10/13/14	109886		-	-	-	Pass	40.0	43	7
L1424406-02	SV-2	1843	6.0L Can	10/13/14	109886	L1422767-02	Pass	-28.3	0.2	-	-	-	-
L1424406-03	SV-3	0554	#30 SV	10/13/14	109886		-	-	-	Pass	37.0	38	3
L1424406-03	SV-3	1667	6.0L Can	10/13/14	109886	L1422767-02	Pass	-29.6	-2.7	-	-	-	-
L1424406-04	SV-4	0283	#30 SV	10/13/14	109886		-	-	-	Pass	38.5	40	4
L1424406-04	SV-4	1657	6.0L Can	10/13/14	109886	L1422767-02	Pass	-29.6	-3.6	-	-	-	-
L1424406-05	SV-5	0042	#30 SV	10/13/14	109886		-	-	-	Pass	39.2	40	2
L1424406-05	SV-5	1606	6.0L Can	10/13/14	109886	L1422767-02	Pass	-29.7	-4.4	-	-	-	-
L1424406-06	SV-6	0579	#30 SV	10/13/14	109886		-	-	-	Pass	38.0	40	5
L1424406-06	SV-6	902	6.0L Can	10/13/14	109886	L1422767-02	Pass	-29.6	-4.2	-	-	-	-
L1424406-07	SV-7	0352	#30 SV	10/13/14	109886		-	-	-	Pass	35.3	44	22
L1424406-07	SV-7	1549	6.0L Can	10/13/14	109886	L1422767-02	Pass	-29.6	-4.4	-	-	-	-
L1424406-08	SV-8	0090	#30 SV	10/13/14	109886		-	-	-	Pass	40.0	106	90

Project Name: COMPASS 2

Lab Number: L1424406

Project Number: 7191-01-04-4001

Report Date: 10/21/14

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1424406-08	SV-8	1989	6.0L Can	10/13/14	109886	L1422767-01	Pass	-29.8	-2.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID:	L1420671-03	Date Collected:	09/09/14 15:35
Client ID:	CAN 1595 SHELF 49	Date Received:	09/10/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	09/10/14 19:56		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03 Date Collected: 09/09/14 15:35

Client ID: CAN 1595 SHELF 49 Date Received: 09/10/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1420671
Report Date: 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03
Client ID: CAN 1595 SHELF 49
Sample Location:

Date Collected: 09/09/14 15:35
Date Received: 09/10/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03 Date Collected: 09/09/14 15:35

Client ID: CAN 1595 SHELF 49 Date Received: 09/10/14

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03 Date Collected: 09/09/14 15:35

Client ID: CAN 1595 SHELF 49 Date Received: 09/10/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1420671
Report Date: 10/21/14

Air Canister Certification Results

Lab ID:	L1420671-03	Date Collected:	09/09/14 15:35
Client ID:	CAN 1595 SHELF 49	Date Received:	09/10/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15-SIM		
Analytical Date:	09/10/14 19:56		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03 Date Collected: 09/09/14 15:35

Client ID: CAN 1595 SHELF 49 Date Received: 09/10/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1420671

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1420671-03 Date Collected: 09/09/14 15:35

Client ID: CAN 1595 SHELF 49 Date Received: 09/10/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1422767
Report Date: 10/21/14

Air Canister Certification Results

Lab ID:	L1422767-01	Date Collected:	09/26/14 16:16
Client ID:	CAN 1989 SHELF 44	Date Received:	09/27/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	10/01/14 17:35		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01 Date Collected: 09/26/14 16:16

Client ID: CAN 1989 SHELF 44 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1422767
Report Date: 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01
Client ID: CAN 1989 SHELF 44
Sample Location:

Date Collected: 09/26/14 16:16
Date Received: 09/27/14
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01 Date Collected: 09/26/14 16:16

Client ID: CAN 1989 SHELF 44 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01 Date Collected: 09/26/14 16:16

Client ID: CAN 1989 SHELF 44 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID:	L1422767-01	Date Collected:	09/26/14 16:16
Client ID:	CAN 1989 SHELF 44	Date Received:	09/27/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15-SIM		
Analytical Date:	09/29/14 14:30		
Analyst:	MB		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01 Date Collected: 09/26/14 16:16

Client ID: CAN 1989 SHELF 44 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-01 Date Collected: 09/26/14 16:16

Client ID: CAN 1989 SHELF 44 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID:	L1422767-02	Date Collected:	09/26/14 16:28
Client ID:	CAN 690 SHELF 54	Date Received:	09/27/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15		
Analytical Date:	10/01/14 18:39		
Analyst:	RY		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1422767
Report Date: 10/21/14

Air Canister Certification Results

Lab ID:	L1422767-02	Date Collected:	09/26/14 16:28
Client ID:	CAN 690 SHELF 54	Date Received:	09/27/14
Sample Location:		Field Prep:	Not Specified
Matrix:	Air		
Anaytical Method:	48,TO-15-SIM		
Analytical Date:	09/29/14 15:02		
Analyst:	MB		

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1422767

Project Number: CANISTER QC BAT **Report Date:** 10/21/14

Air Canister Certification Results

Lab ID: L1422767-02 Date Collected: 09/26/14 16:28

Client ID: CAN 690 SHELF 54 Date Received: 09/27/14

Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: COMPASS 2
Project Number: 7191-01-04-4001

Lab Number: L1424406
Report Date: 10/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1424406-01A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-02A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-03A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-04A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-05A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-06A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-07A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)
L1424406-08A	Canister - 6 Liter	N/A	NA		Y	Present/Intact	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	COMPASS 2	**Lab Number:**	L1424406
Project Number:	7191-01-04-4001	**Report Date:**	10/21/14

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.
NI	- Not Ignitable.
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.

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 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.

Report Format: Data Usability Report

Project Name:	COMPASS 2	**Lab Number:**	L1424406
Project Number:	7191-01-04-4001	**Report Date:**	10/21/14

Data Qualifiers

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: COMPASS 2 **Lab Number:** L1424406
Project Number: 7191-01-04-4001 **Report Date:** 10/21/14

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
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.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF**.

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

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1424406

Client Information

Client: IMPACT ENVIRONMENTAL
Address: 170 KEYLAND CT
BOHEMIA NY 11716
Phone: 631-269-8800
Fax:
Email: bhernandez@impactenvironmental.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: COMPASS 2
Project Location: 1944 BOONE AVE, BRONX, NY
Project #: 7191-01-04-4001
Project Manager: B. HERNANDEZ
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
L4406-01	SV-1	10/13/14	1020	1227	-30.21	-4.15	SV	BH	6L	1036	0591		X						
-02	SV-2		1037	1257	-29.54	-4.21				1843	0656								
-03	SV-3		1003	1222	-29.84	-3.15				1667	0554								
-04	SV-4		0948	1151	-29.24	-4.07				1657	0283								
-05	SV-5		0914	1119	-29.76	-4.79				1606	0042								
-06	SV-6		0938	1146	-30.09	-4.62				902	0579								
-07	SV-7		0928	1137	-30.17	-4.80				1549	0352								
-08	SV-8		1057	1155	-29.75	-3.17				1989	0090								

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS | 5

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Bryan Minier	10/14/14 1200	[illegible]	10-14-14 1200
[illegible]	10-14-14 2340	Tom Toler	10-14-14 2340
Tom Toler	10-14-14 2340	[illegible]	10/14/14 2340

Form No: 101-02 (19-Jun-09)